



O-line

CATALOGUE

O-line (Pty)Ltd



O-line Support Systems (Pty) Ltd was established in 1982 as a supplier to the Cable Management and Structural Support Systems Industry in Southern Africa.

From modest beginnings, O-line has rapidly developed through controlled growth into a market leader with a sophisticated distribution network, consisting of the Head Office and Warehouse in Johannesburg, Branch Offices and Brand Loyal clientele globally.

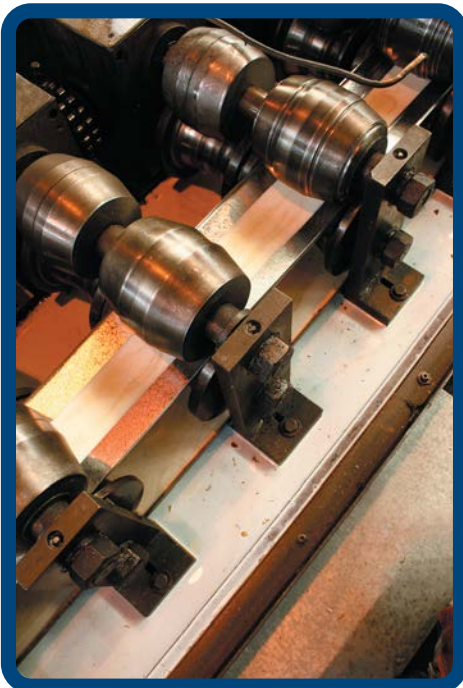
All O-line's products are designed, manufactured and supplied to meet the needs and wants of the markets we serve. O-line has established and maintains a documented quality system in accordance with the International Standard ISO CD9001 (2007), which ensures that product conforms to specified requirements and contractual conditions.

O-line's team of highly competent engineering and technical staff understand the specifics of Structural Supports and Cable Management, are available to assist with design solutions or technical queries. Specific disciplines include: Structural, Mechanical, Electrical, Corrosion Protection and Project Management.

O-line's 8000m² self-contained factory housed on 14000m² prime industrial land, South East of Johannesburg, utilizing modern machinery, materials handling equipment and technology to the highest international standards, continuously ensure competitively priced quality products.

O-line Coatings, specialist powder-coaters, employing state-of-the-art equipment complete O-line's Quality commitment by providing guaranteed, internationally approved, powder coated finishes to O-line products.

All the above is underpinned by a Value System which commits all O-line employees to succeed honestly in accordance with our Vision, Mission Statement and Code of Ethics.



OBO Rapid 45

Multiskirt®
Premierskirt®
Aluskirt®
Supermarket Trunking

**POWER
SKIRTING**

Powerpole®
Powermast® & Midimast
Switching Accessories
FFD2 & FFD3 Cottage Pedestals
Switching Accessories

**WORK STATION
SERVICE OUTLETS**

OBO Flush Floor Powerbox

OBO RKS-Magic® Tray

Return Flange Cable Tray
PT12 & PT19 Light Duty
PT38 & PT76 Medium and Heavy Duty
GS50 Gridspan® Wire Mesh
GS75 Gridspan® Wire Mesh
Gridspan Accessories

CABLE TRAYS

Olistrut® OL1000, OL2000, OL3300 & OL4000 Channels and Covers
OL9000, OL8000, OL8100, OL8200, OL8300 & OL2200 Channels and Covers
Olistrut® Wiring Channel Accessories
Channel Support Systems
Fluorescent Adaptor & Channel Hangers
Industrial Trunking
Compact Miniature Trunking
Zip Clip Suspension System

**WIRING
CHANNELS
& TRUNKING**

Olistrut® Channels & Channel Combinations
Cantilever Brackets
Flat Plate Fittings
Angular Fittings
'U' Shape Fittings
'Z' Shape Fittings
Beam Clamps
Olistrut® Pierced Channels
Olistrut® Concrete Inserts
Post Bases

**METAL
FRAMING**

Two Piece Pipe / Universal Cable Clamps
SS Series & OL2246 Series Pipe Clamps
OL2239 & OL2400 Series Pipe Clamps
OL75 Series Pipe Clamps
OLTC01 & OLTC02 Trefoil Clamps
Fasteners

**CLAMPS &
FASTENERS**

OL55 Litespan®
OL76
PS75, PS100 & PS150 Powerspan®
Gallery
Loading
Superspan®
TS150 & TS225 Twinspan®
Angle Ladder & Minespan
DS75 Duraspan®

**CABLE
LADDERS**

Olistrut® Range
PS75, PS100 & PS150 Powerspan®
PT12/19 & PT38/76
Gridspan® 50/75
Channels and Skirting

**PRODUCT
WEIGHTS**

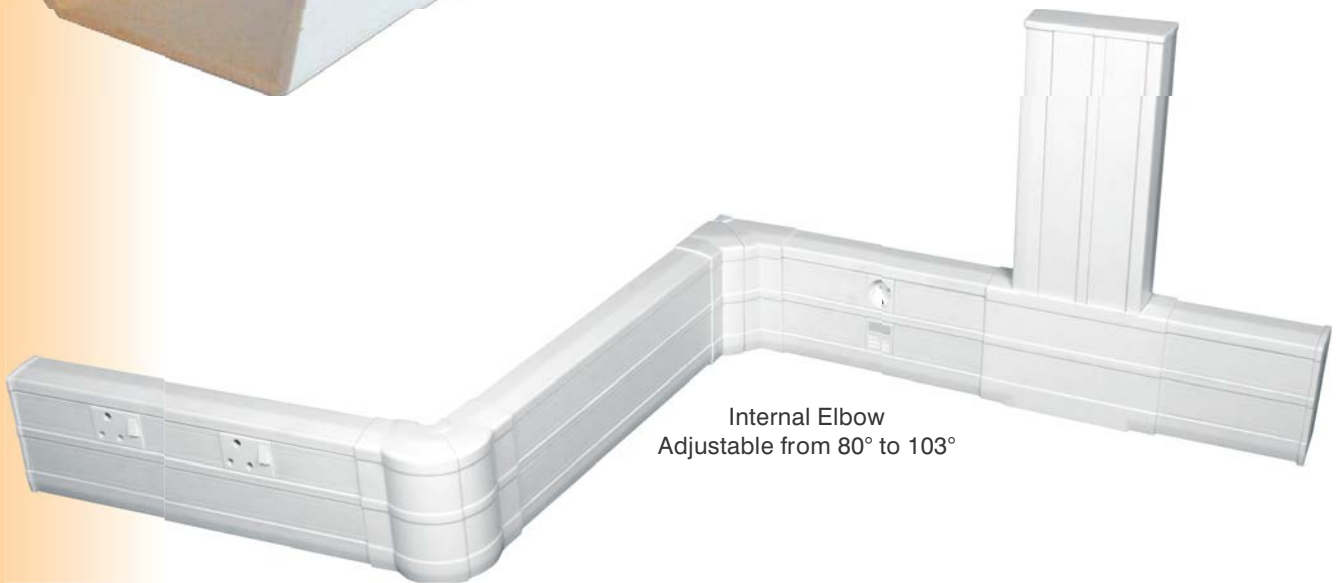
GEK-Rapid 45 Power Skirting

This universal system offers plenty of space for a clean separation between energy and data cables. Practical fittings allow for easy, ideal installation in both industrial and commercial applications. The decisive advantage is that switches and accessories simply snap into the trunking profile by hand.



BODY LENGTH (mm)	2000
HEIGHT (mm)	160
WIDTH (mm)	53
FINISH	PVC
STANDARD COLOURS	WHITE / GREY

GEK - POWER SKIRTING



Internal Elbow
Adjustable from 80° to 103°

External Elbow
Adjustable from 70° to 130°

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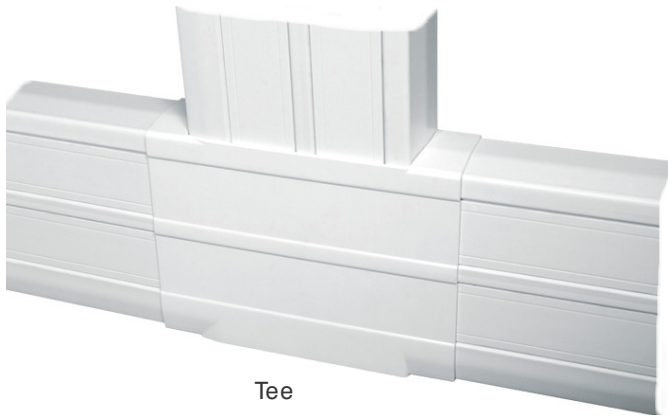
GEK - POWER SKIRTING



Internal Elbow
Adjustable from 80° to 103°

External Elbow
Adjustable from 70° to 130°

GEK-Rapid 45 Power Skirting



Tee



RH or LH End Cap



Internal
Elbow



External
Elbow



Joiner Clip Set



Joiner Clips during installation



Joiner Clips after installation

O-line

Multiskirt®



MS1

Most Standard 4 x 2 Switching Accessories are available

Standard Switching Accessories

LENGTH (mm)	2438
BODY THICKNESS	0.8
COVER THICKNESS (mm)	0.6
FINISH	Powder Coated
Loose divider available on request	



Blank Cover



20A Double Pole Isolator Cover



Clipsal S2000 16A SSO Cover



Clipsal S2000 2MOD Cover



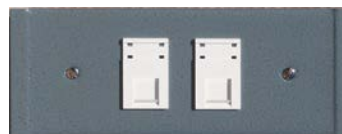
20A DPI and Cord Grip Cover



Crabtree 16A SSO Cover



RJ11 / RJ45 Cover



2x RJ11 / RJ45 Cover



Crabtree 13A SSO Cover



50 x 50 Aperture Cover



60A Triple Pole / 30A Double Pole Isolator Cover



Crabtree Diamond 16A SSO Range Cover

Colour Range



Hospital Grey
VEP7010



Motorcraft Grey
CEP1013



Carrier Beige
VEP6002



Light Hammertone Grey
VEP7306



Appliance White
VEP1002

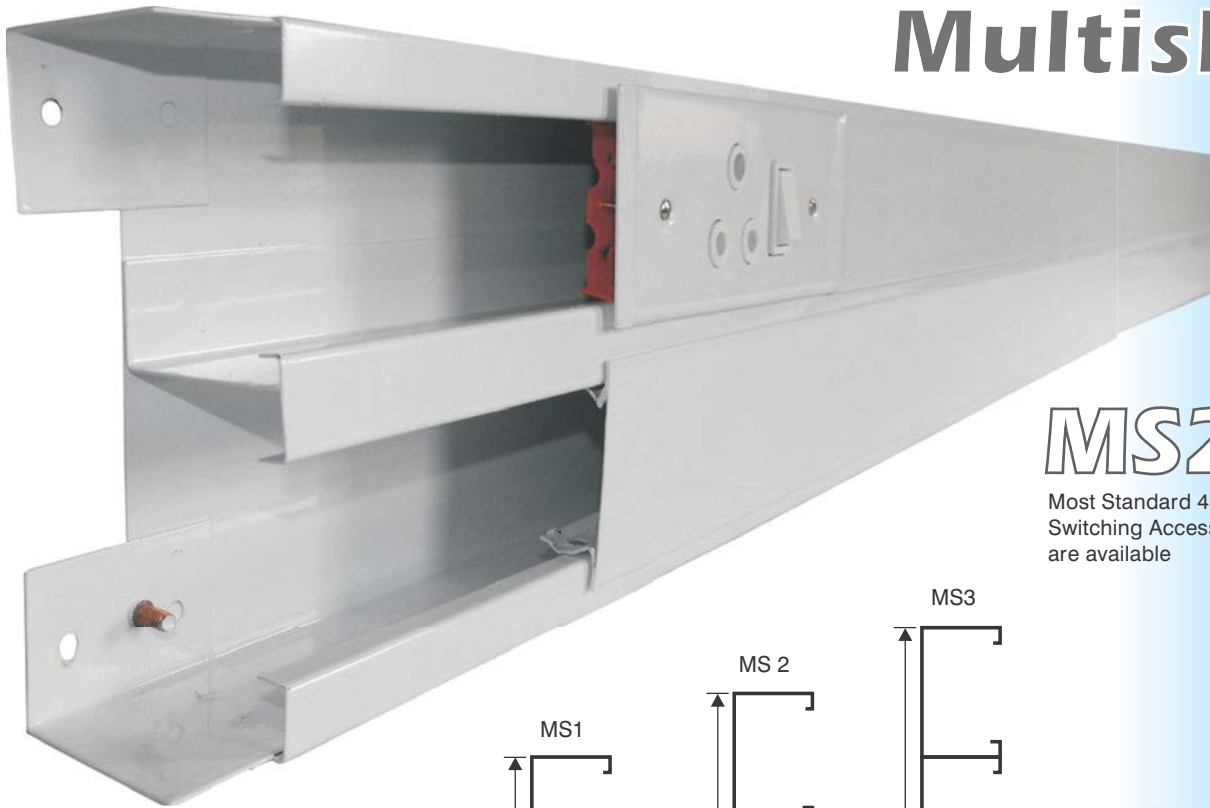


Easter Oak
VEP6072

NOTE: Printed colours may vary to actual powder coated colours

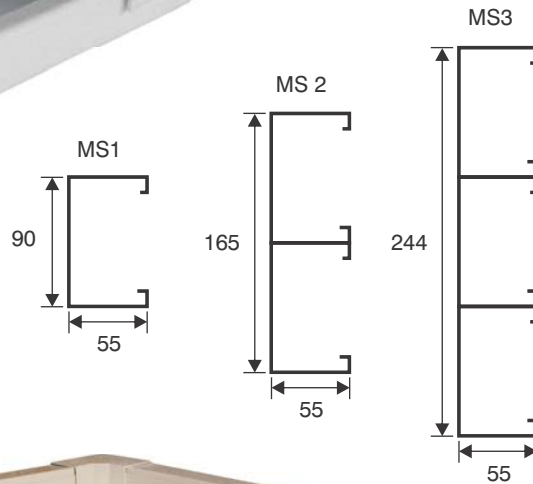
O-line

Multiskirt®



MS2

Most Standard 4 x 2
Switching Accessories
are available



MS3



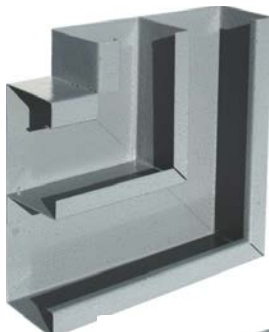
Standard Accessories



External Elbow



End Cap



Vertical Elbow



Internal Elbow / Tee



Vertical Tee



POWER SKIRTING

Premierskirt®



PM1



PM2

Standard Accessories



PM Loose Divider available on request

PRODUCT	PM1	PM2
BODY LENGTH (mm)	3000	2500
DIVIDER LENGTH (mm)	2500	2500
HEIGHT (mm)	100	165
WIDTH (mm)	40	55
FINISH	PVC	PVC
STANDARD COLOURS	WHITE / GREY / BLACK	



PM Joiner Clip



Internal / External Elbow



Vertical Elbow



Vertical Tee



End Cap

Standard Switching Accessories Cover Plates

All coverplates come complete with cradle and screws



PM Cradle

Most Standard 4 x 2 Switching Accessories are available



Clipsal 16A SSO Cover



50 x 50 Data Cover



Crabtree Diamond 3 MOD Cover



1 x RJ11 / RJ45 Cover



Clipsal 2 MOD Cover

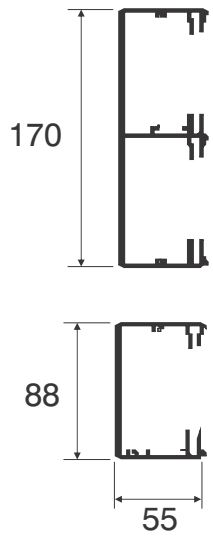


2 x RJ11 / RJ45 Cover

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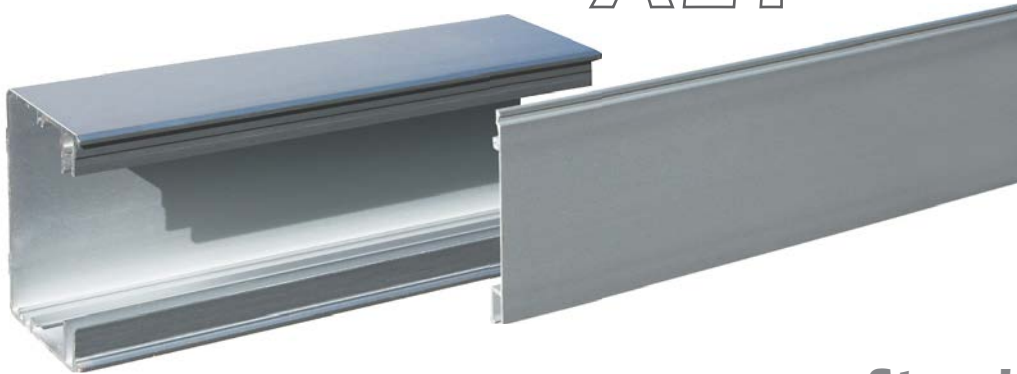
Aluskirt®

AL2



LENGTH (mm)	3000
WIDTH (mm)	55
MATERIAL	Aluminium
FINISH	Natural Anodized

AL1



AL2 also available with extruded Divider on request

Aluskirt® Splice Set comprises
1 x Splice, 2 x M4 x 12mm Cheese
Head Screws and 2 x Dowel Pins.

Most Standard 4 x 2
Switching Accessories
are available

Standard Accessories



External Elbow



Internal Elbow

POWER SKIRTING

O-line

Supermarket Trunking

Supermarket Trunking is specifically designed for use in the supermarket retail industry in their butchery/bakery and deli departments.

Supermarket Trunking comes pre-punched with 6 x Crabtree 16a sso,4 x isolator and 4 X 32A 5 pin panel socket knockouts per 3 metre length.

Supermarket Powerpost comes pre-punched with 6 x isolator knockouts per 3.5 metre length.

Standard Colour: Powder coated Luminaire white



Hanger Bracket complete



Loose Splice



End Cap complete

Horizontal Bend complete



Powerpost 1m extension complete



Powerpost Ceiling Flange loose (optional)



Internal Bend complete



Powerpost 3.5m complete

PRODUCT	TRUNKING	POWER POST
BODY LENGTH (mm)	3000	
POWER POST HEIGHT (mm)		3500
HEIGHT (mm)	100	150
WIDTH (mm)	100	155
FINISH	EG	EG
STANDARD COLOUR	LUMINAIRE WHITE	

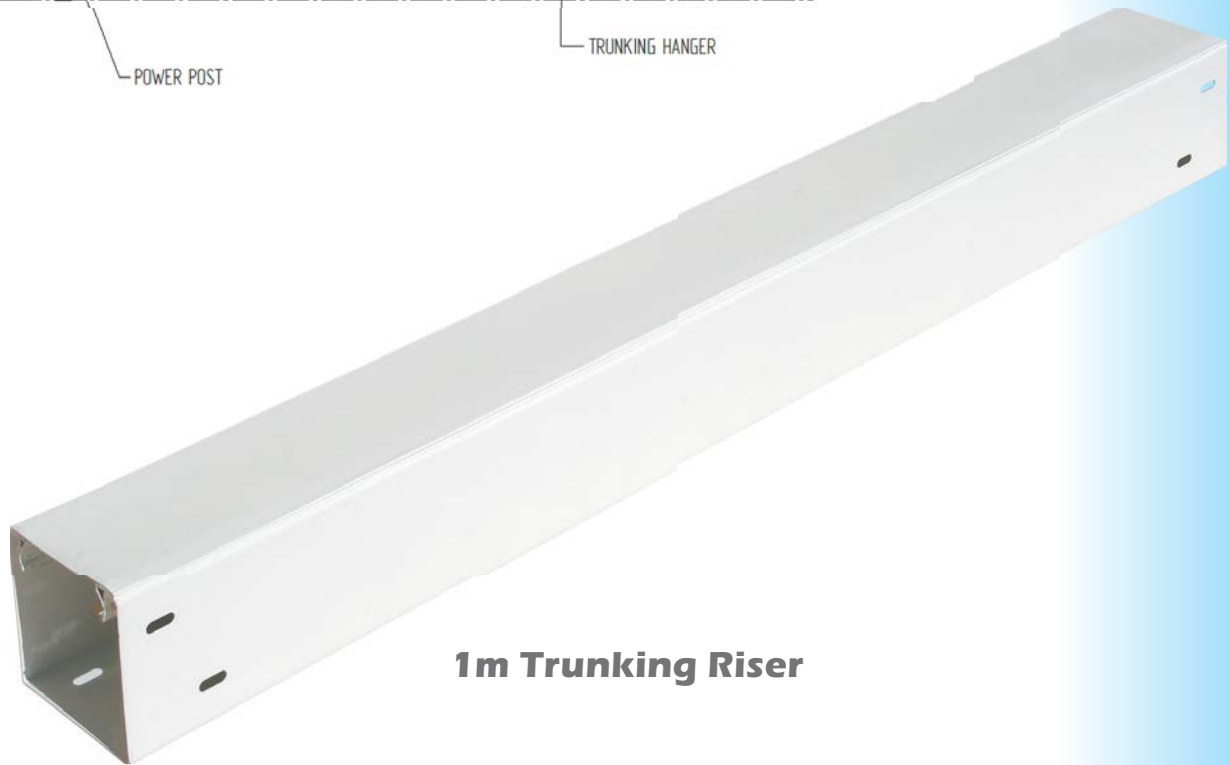
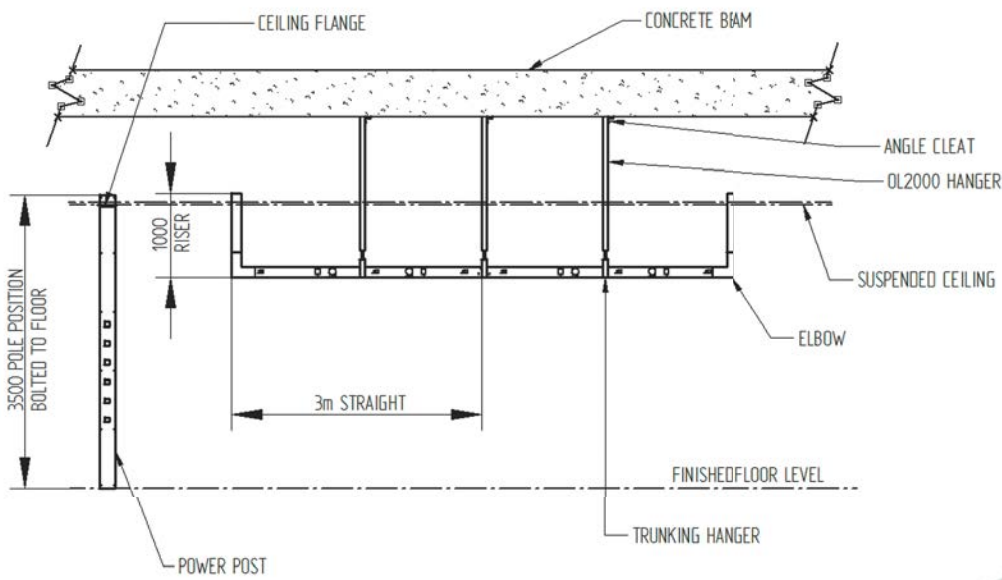
SUPERMARKET TRUNKING

O-line

Supermarket Trunking



3m Trunking complete



1m Trunking Riser

SUPERMARKET TRUNKING

PowerPole

SA Patent No: 84/2966 89/7759 94/08810

Standard Switching Accessories and Boxes



Crabtree 16A SSO Box



Crabtree Diamond Range 16A SSO Box



RJ11/RJ45 Box



2x RJ11/RJ45 Box



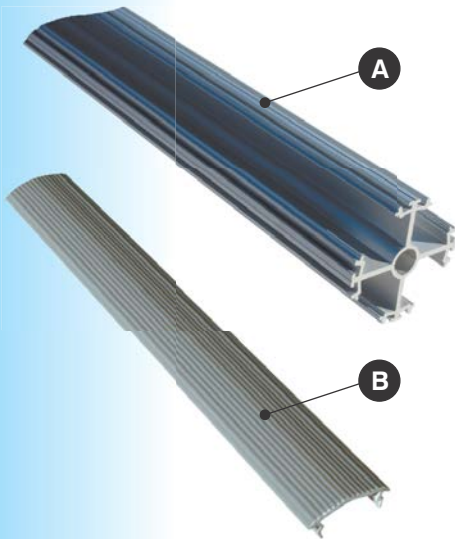
50 x 50 Aperture Box



Blank Box

Most standard 4x2 switching accessories are available

LENGTH (mm)	3000, 3500 or 4000
FINISH OF CORE AND SERVICE OUTLET BOXES	Natural Anodized Aluminium
FINISH OF COVER	Grey PVC
FINISH OF CEILING FLANGE, FLOOR LOCATION PAD AND SERVICE OUTLET COVER KIT	Grey ABS



LEGEND

- A - Core: Natural Anodized Aluminium (ø57mm)
- B - Cover: PVC
- C - Ceiling Flange c/w Clips
- D - Floor Location Pad
- E - Jack Assembly
- F - Service Outlet Box (various)
- G - Service Outlet Cover Kit
- H - Service Outlet Box Divider

O-line

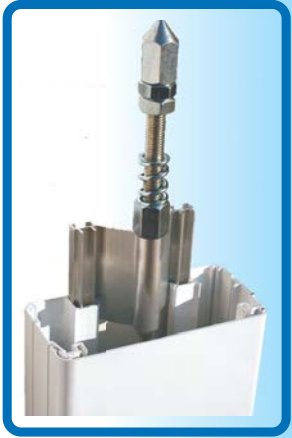
Powermast[®] Midimast[®]



LEGEND

- A - Body: Aluminium EPC (131 x 60mm)
- B - Cover: Aluminium EPC
- C - Location Pad
- D - Jack Assembly
- E - Service Outlet Cover (various types)
- F - Telescopic Extension

PRODUCT RANGE	Midimast [™]	Powermast [®]
STANDARD LENGTH (mm)	800	3000
WIDTH x DEPTH (mm)	131 x 60	
MATERIAL	Aluminium	
FINISH	Powder Coated Gloss Luminaire White only	



MidiMast[®]

PowerMast[®]

SA Patent No: 94/08810

Cottage Pedestals



FFD3



FFD2

Most standard 4 x 2
Outlets are available.

**WORK STATION
SERVICE OUTLETS**

Standard Switching Accessories



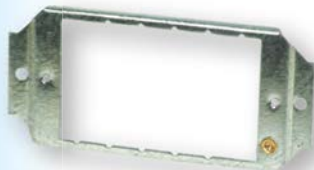
B 16A SO



B 13A SO



B 16A Dedicated SO



B Diamond Range
3 Module 4 x 2 Yoke



Single
Oliclip



OBO Modular 45
RJ 11/45



A RJ11 / RJ45

- A** Data / Telephone Outlet
- B** Crabtree Diamond Range
- C** Clipsal S2000 Range
- D** Crabtree Range
- E** LeGrand



B Blank



B Tel. Point



B Data Point



B Dedicated
Switch



B Normal
Switch



B 2 Pin SO



C 16A SSO



C 16A Dedicated SSO



D 16A SSO (6896)



D 16A Dedicated SSO (6896D)



D 16A SSO (6896H)



D 16A Dedicated SSO (6896HD)



D 20A DPI and Cordgrip



D 13A SSO



D 20 A DPI



C 2 MOD



E Dedicated
16A Socket



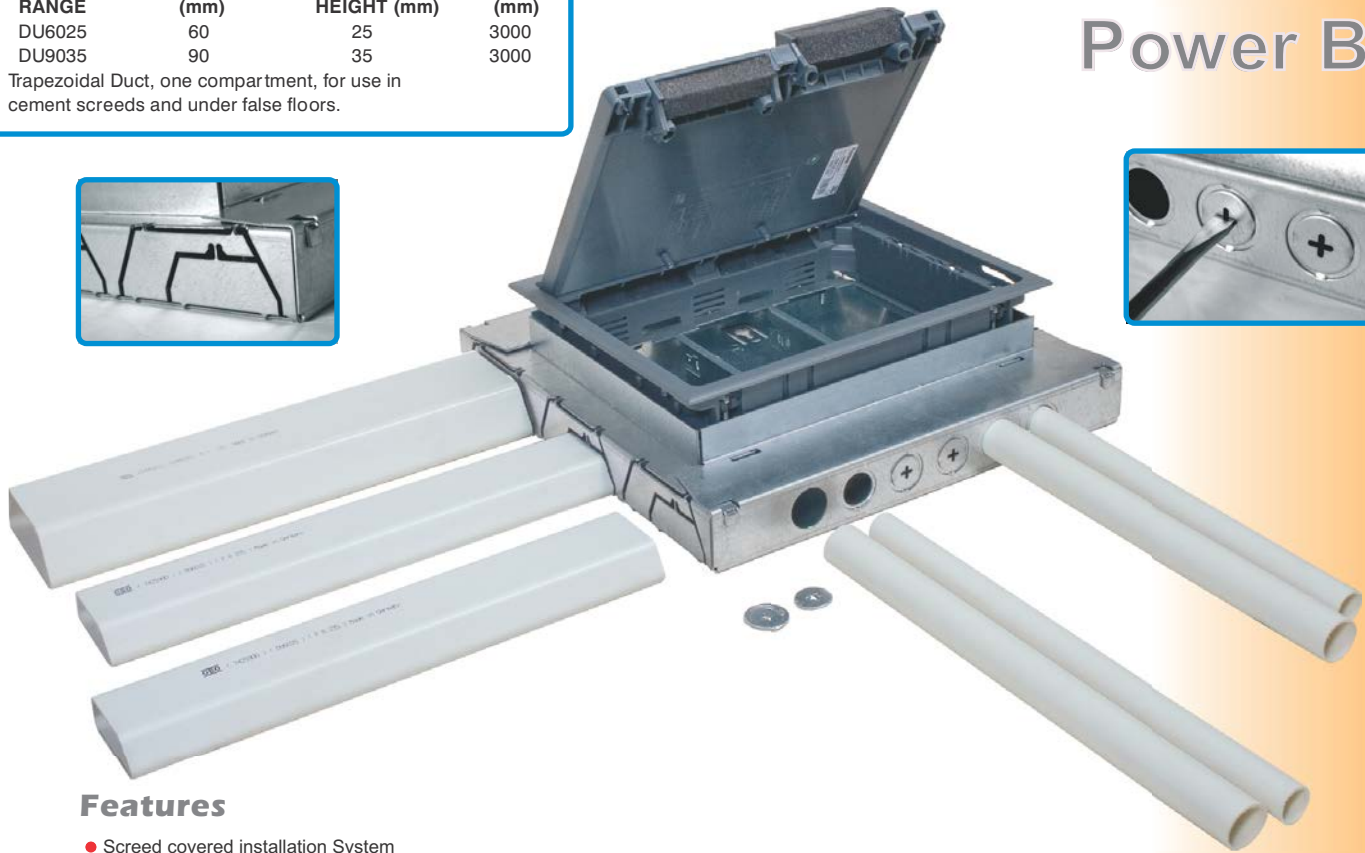
E Normal
16A Socket



E 10A Schuko

PRODUCT RANGE	WIDTH (mm)	DUCT HEIGHT (mm)	LENGTH (mm)
DU6025	60	25	3000
DU9035	90	35	3000

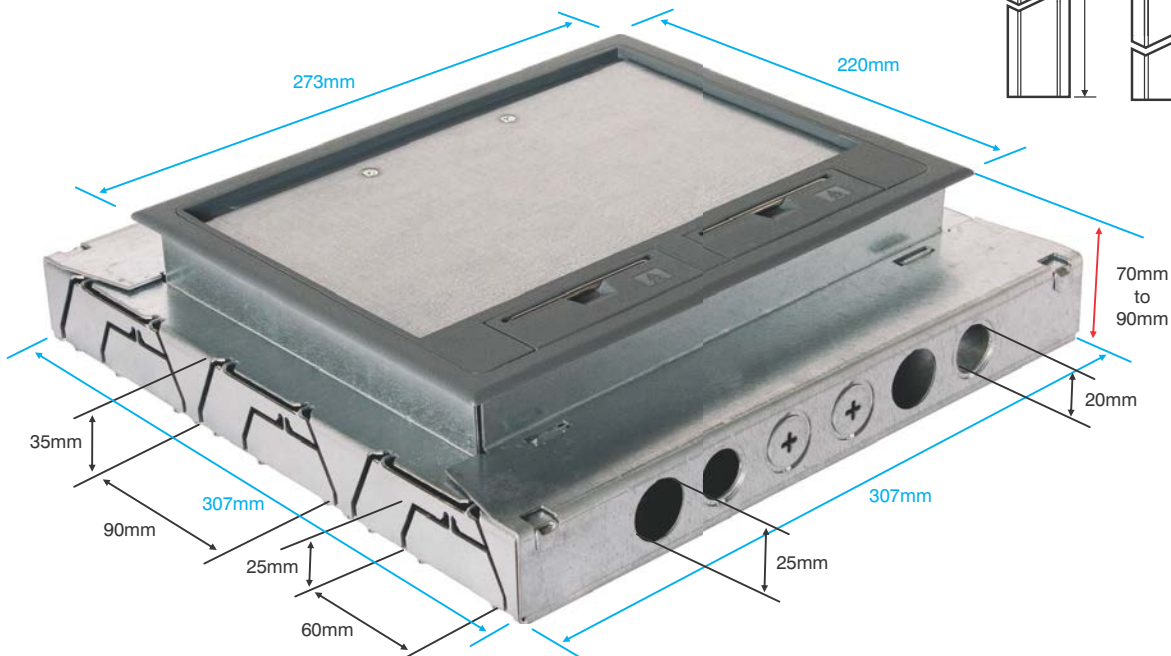
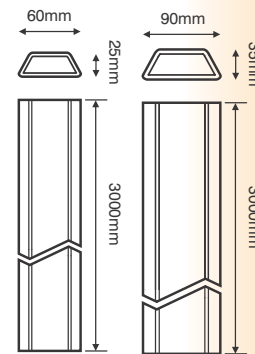
Trapezoidal Duct, one compartment, for use in cement screeds and under false floors.



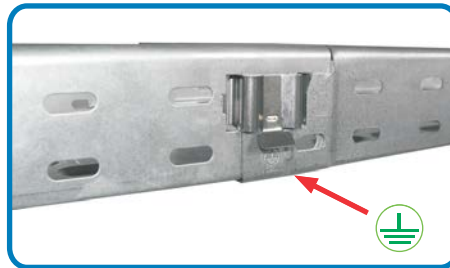
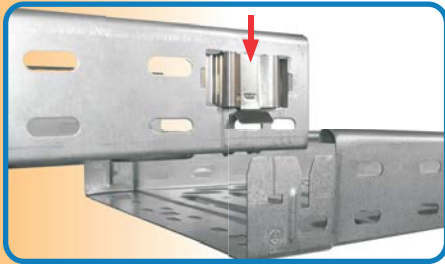
Features

- Screed covered installation System
- The main feature of this system is an underfloor box manufactured from sheet steel and a sheet protection cover of red polyurethane. The screed protection cover supplied with the floor box maintains an installation opening for service units during screed work.
- The Power Box is height adjustable for a screed height of 70mm to 90mm
- The screed layer works quicker without having to smooth the screed edges around the box. The red cover is cut level with the screed after curing.
- Installation time is considerably reduced.
- The Power Box caters for main and secondary power. Secondary power by means of 20mm or 25mm standard conduit and main power by means of trapezoidal PVC duct 60mm width x 25mm height or 90mm width by 35mm height as shown.
- The openings for the ducts and conduit are pre punched. To remove the knock-out for 20mm conduit simply insert a standard screwdriver into the slot and move it up and down. For 25mm conduit insert screwdriver into the slot and move it left and right.
- For ducting installations use a side cutter to cut the fixing strip and then remove the knockout for the size required.

PVC Underfloor Ducting



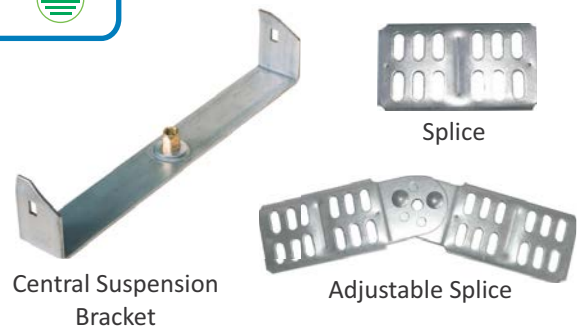
RKS-Magic[®] Cable Tray



ACCESSORIES

Time saving installation.

The RKS-Magic Cable Tray System with a snap-by-hand design. Innovative screw-less design allows for rapid installation. Standard finish is Z 275 Pre-Galvanized Mild Steel. Stainless steel clip can be removed if painted trays are required. Disassembly is done by inserting a flat screw driver under the clip tad and sliding the trays apart.

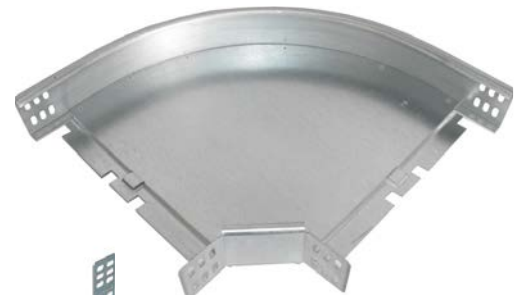


Central Suspension Bracket

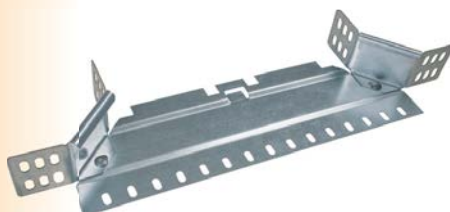
Splice

Adjustable Splice

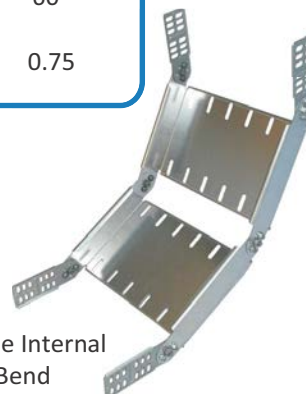
Tray Information			
	Standard length	3050mm	
Tray	RKSM610FS	RKSM620FS	RKSM630FS
Width (mm)	100	200	300
Side Rail			
Height (mm)	60	60	60
Material			
Thickness (mm)	0.75	0.75	0.75



90° Horizontal Bend



Add-on Tee for horizontal and vertical use



Adjustable Internal External Bend



Cable Edge Protector

Return Flange Cable Tray

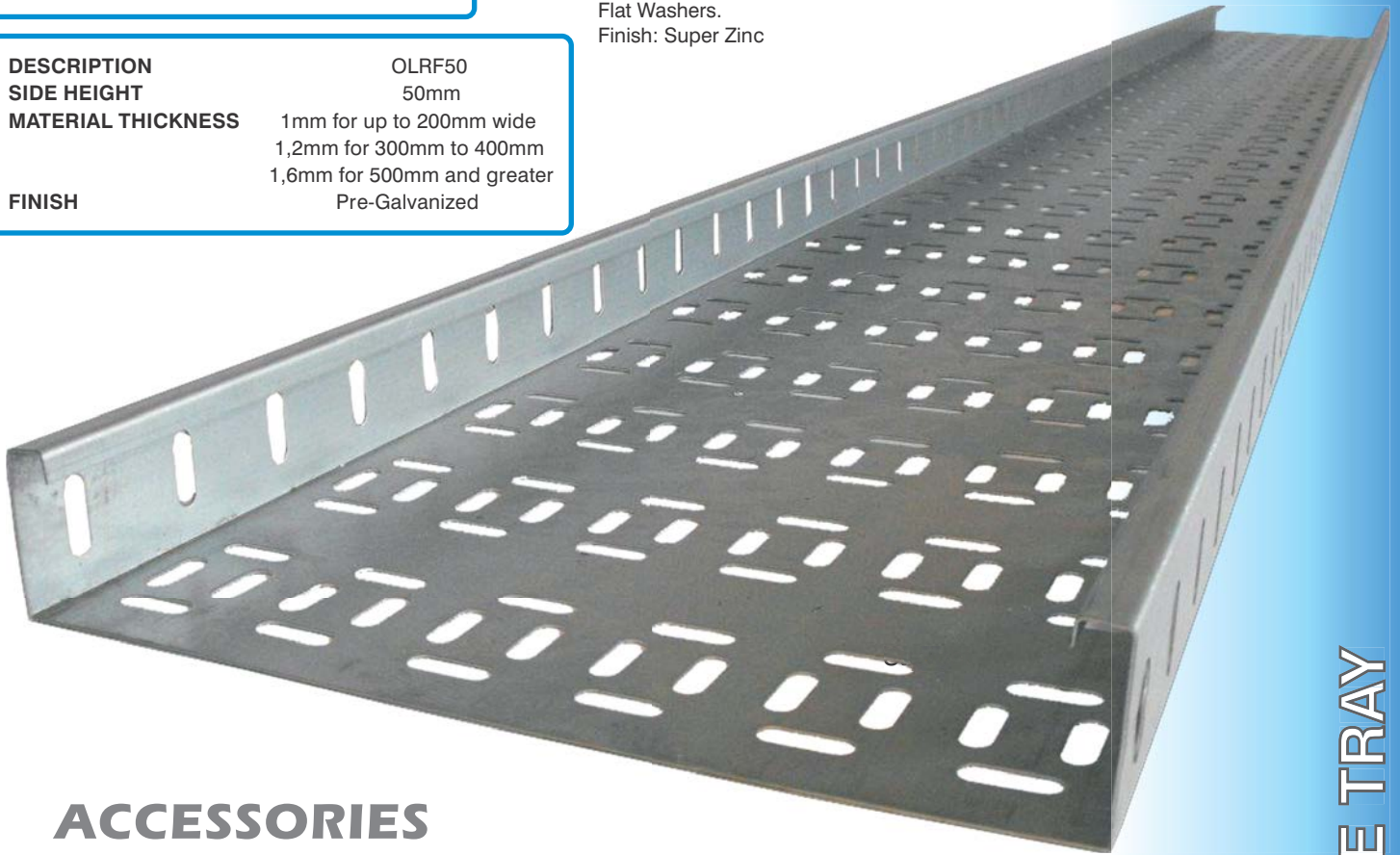
LENGTH (mm)	3000
SLOT SIZE	Ø 8.5 x 25mm
STANDARD FINISH	Pre-galvanized
FINISH OF FASTENERS	Mega Zinc
MINIMUM ACCESSORY RADIUS	170mm
WIDTH (mm)	100 150 200 300 400

DESCRIPTION	OLRF50
SIDE HEIGHT	50mm
MATERIAL THICKNESS	1mm for up to 200mm wide 1,2mm for 300mm to 400mm 1,6mm for 500mm and greater
FINISH	Pre-Galvanized

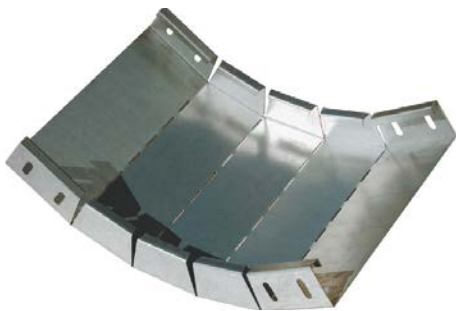
Pre-Galvanized Finish
Hot-dip Galvanized
Finish available on request

Return Flange Splice Sets consist of 2 x Channel Splices, 8 x M8 x 16 Hex Set Screws, 8 x M8 Nuts and 16 x M8 Flat Washers.
Finish: Super Zinc

OLRF50



ACCESSORIES



Internal Bend



Horizontal Bend



External Bend



Tee

RETURN FLANGE CABLE TRAY

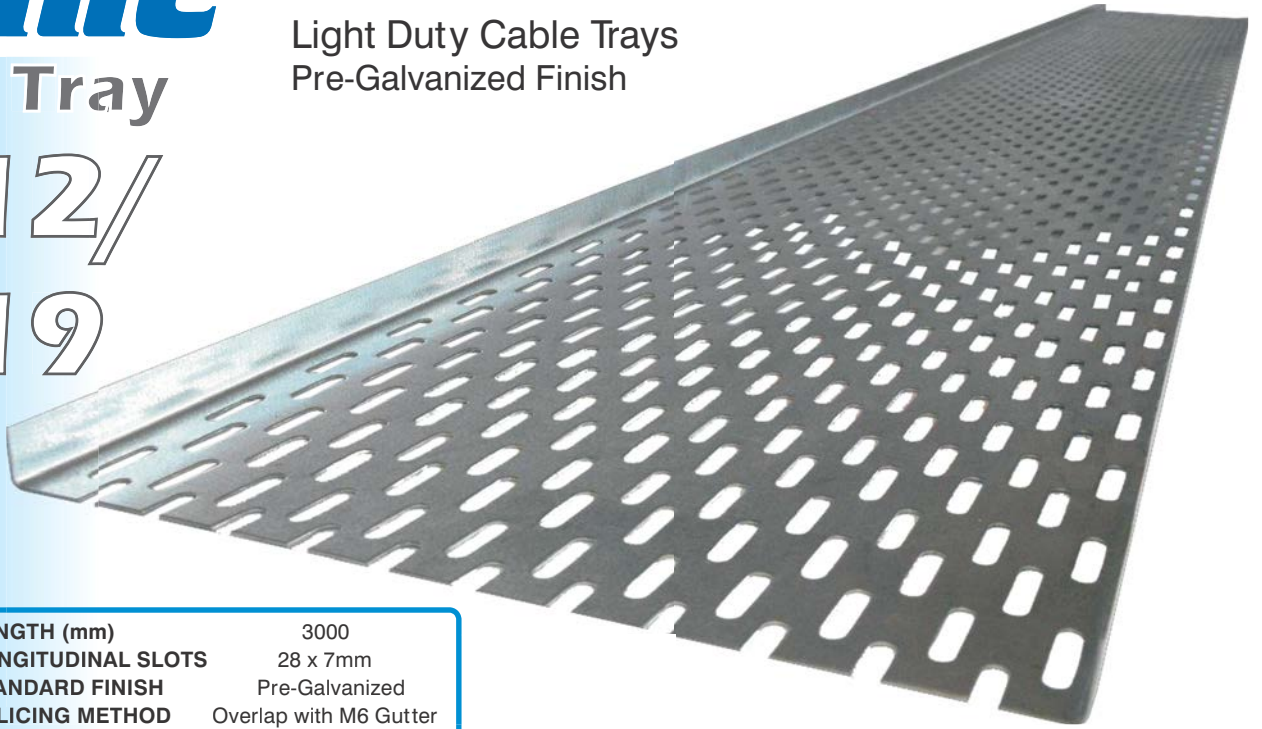
O-line

Cable Tray

PT12/

PT19

Light Duty Cable Trays
Pre-Galvanized Finish



LENGTH (mm)	3000
LONGITUDINAL SLOTS	28 x 7mm
STANDARD FINISH	Pre-Galvanized
SPLICING METHOD	Overlap with M6 Gutter Bolts and Square Nuts
FINISH OF FASTENERS	Electro-Galvanized

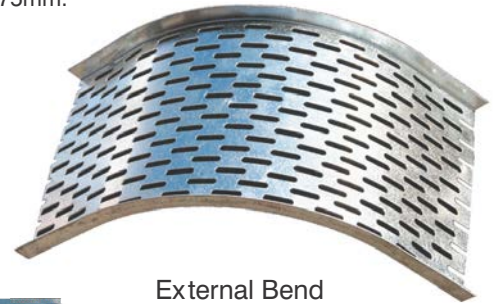
Number of gutter bolts & square nuts required per joint	WIDTH (mm)	50	76	101	152	203	228	304
	HEIGHT (mm)	12	12	19	19	19	19	19
		2	2	2	3	3	3	3

Accessories

Accessory Radius: Minimum 75mm.



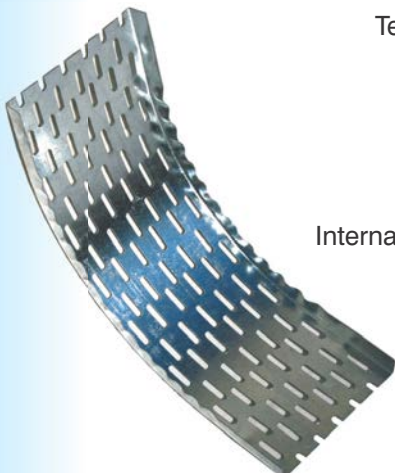
Horizontal Bend



External Bend



Tee



Internal Bend



4Way
*Made to order

CABLE TRAY PT 12 & PT 19

O-line

Cable Tray

PT38/ PT76

Medium & Heavy Duty
Cable Trays
Hot-dip Galvanized Finish



PT38 and PT76 Splice sets comprise 2 x Angle Splices, 8 x M10 Dome Head Slotted Bolts, Hex Nuts and Flat Washers per joint.

Center Splice sets comprise using 4 x M10 Dome Head Slotted Bolts, Hex Nuts and Flat Washers required with 457mm and 609mm wide trays.

Accessories radius standard 450mm, 650mm and 1000mm available on request.

PRODUCT RANGE	PT38	PT76
LENGTH (mm)		3000
HEIGHT (mm)	38	76
LATERAL SLOTS	25 x 11 mm	
STANDARD FINISH	Hot-dip Galvanized	
FINISH OF FASTENERS	Mega Zinc	

WIDTH (mm)	76	114	152	228	304	457	609
MATERIAL	PT38 and PT76					PT76	
THICKNESS (mm)							
PT 38	1.6	1.6	1.6	2.0	2.0		
PT 76	1.6	1.6	1.6	2.0	2.0	2.0	2.0

Accessories

Accessory Radius: Minimum 450mm.



Full range of covers available



Internal Bend



External Bend



4Way
*Made to order



Tee

Splice Detail



Center Splice



PT38 Angle Splice



PT76 Angle Splice



Reduction Splice

CABLE TRAY PT 38 & PT 76

Cable Trays



Gridspan® GS50 Wire Mesh

GRIDSPAN comprises two ranges of wire mesh type, medium and heavy duty cable trays.

GRIDSPAN provides maximum cable ventilation, limits dust build-up and is easily cut to size on site for non-standard shapes, increasing the product's versatility and usefulness.

GRIDSPAN is used in horizontally or edge mounted applications over spans of between 1,8m for GS50 and 2,5m for GS75 at design working load.

GRIDSPAN is manufactured using a resistance butt welding and press braking technique in 3,0m lengths using 4,0mm and 5,0mm diameter wires for GS50 and GS75 respectively.

GRIDSPAN has 50mm x 50mm and 50mm x 25mm wire spacings in the base and flange of the trays respectively, promoting comprehensive cable tying methods and allowing simple cable take offs through the flanges or base of the product with the minimum of site alterations.

GRIDSPAN splice sets comprise 3, 4 or 5 splice clamp sets for tray widths 100-200mm, 300-500mm or 600 -1000mm respectively (spaced to suit the tray width), bolted singularly using one M6 bolt, hex nut and flat washer per splice clamp set.

GRIDSPAN fixes to the cable tray support by means of a hold down bracket, Hex Set screw and Spring Nut.

GRIDSPAN has a comprehensive range of accessories manufactured in 450mm internal radius.

LENGTH (mm)	3000
HEIGHT (mm)	50
BASE APERTURE	50 X 75mm
SIDE APERTURE	25 X 50mm
STANDARD FINISH	Hot-dip Galvanized
WIRE Ø	4mm
FINISH OF FASTENERS	Super Zinc

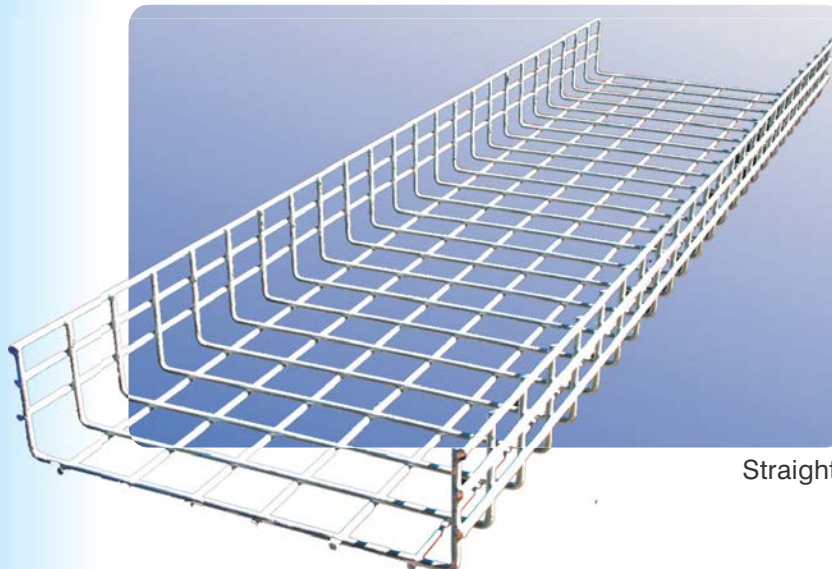
WIDTH (mm)	50	100	150	200	300	400	500	600
Number of Splice Clamps required per joint	3	3	3	3	3	4	4	4

Gridspan® GS75 Wire Mesh

LENGTH (mm)	3000
HEIGHT (mm)	75
BASE APERTURE	50 X 50mm
SIDE APERTURE	25 X 50mm
STANDARD FINISH	Hot-dip Galvanized
WIRE Ø	5mm
FINISH OF FASTENERS	Super Zinc

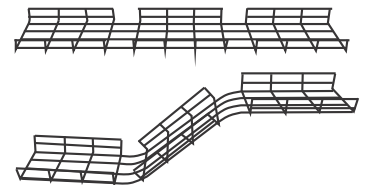
WIDTH (mm)	100	150	200	300	400	500	600	800	1000
Number of Splice Clamps required per joint	3	3	3	3	4	4	4	5	5

CABLE TRAYS

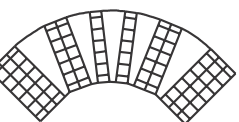


Straight

Flexibility



Internal / External Bend



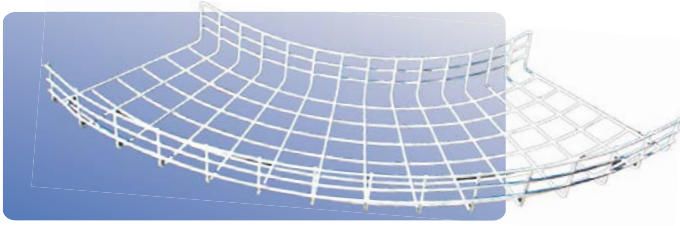
Horizontal Bend

Gridspan® Wire Mesh

Accessory Radius:
Minimum 450mm.

O-line

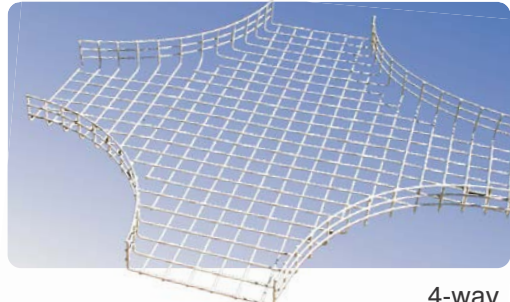
Accessories



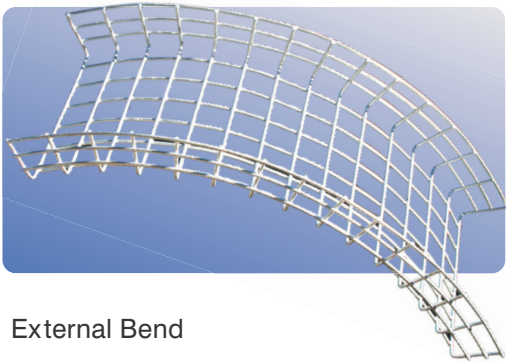
Horizontal Bend



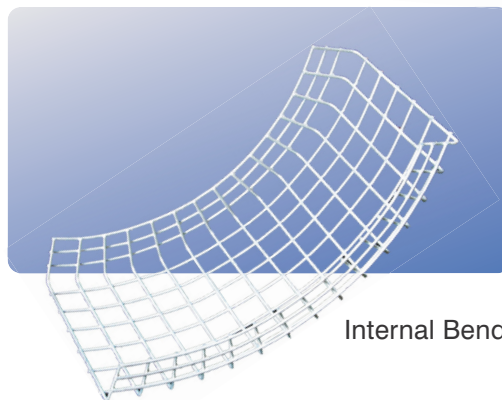
Tee



4-way



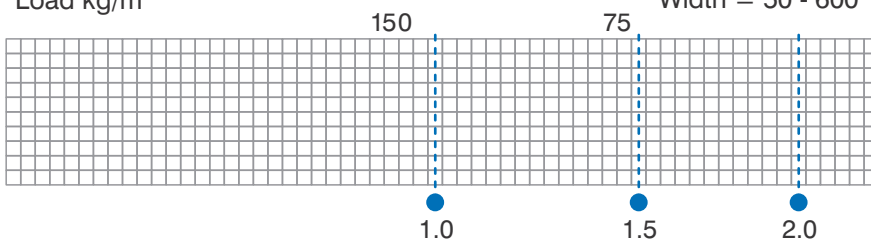
External Bend



Internal Bend

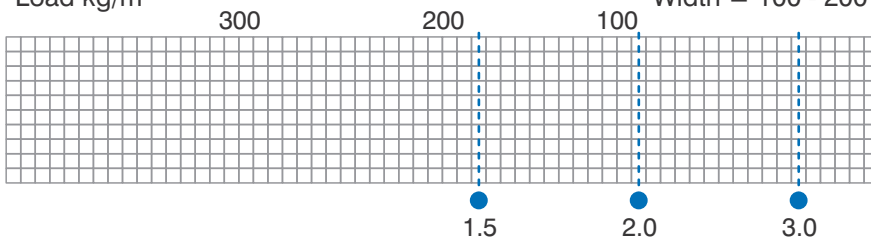
GS50
Load kg/m

SPAN
Width = 50 - 600



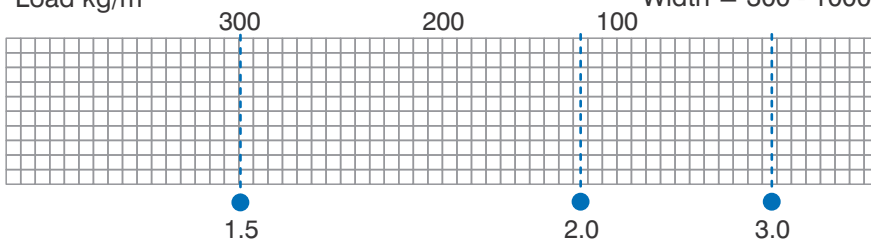
GS75
Load kg/m

SPAN
Width = 100 - 200



GS75
Load kg/m

SPAN
Width = 300 - 1000



Hold Down Bracket
Hole Ø 6mm, 8mm and 12mm



Splice Clamp, Washer, M6 x 16
Cup Square Bolt and Nut.

Test results per individual lengths can vary due to manufacturing tolerances. The loading data is for guidance only and are typical. No guarantee can be offered that the installed product will match the loading information exactly. Deflection of span over 200 is used as a standard on all cable carrying products.

CABLE TRAYS

Wiring Channels

And Trunking

OL8300 channels with 3 pin 5 amp aperture configuration alternatively staggered at 1000mm centers in the sides of the wiring channel (6 per channel) are supplied ex-stock.

OL2200 channels with 20mm diameter knockouts at 152mm centers both sides, are supplied ex-stock.

Apertures for an extensive range of service outlets are punched in the sides or covers of single service wiring channels. Aperture centers can be specified.

Olistrut®

OL1000

Pre-Galvanized Finish



OL2000

Pre-Galvanized Finish



OL3300

Pre-Galvanized Finish



OL4000

Pre-Galvanized Finish



Olistrut® Covers

OL1184PG



OL1184PVC

Grey / White



WIRING CHANNELS

PRODUCT RANGE	OL1000	OL2000	OL3300	OL4000	OL1184	OL2200	OL2184
WIDTH (mm)	41.3	41.3	41.3	41.3	-	50.8	-
HEIGHT (mm)	41.3	41.3	20.6	20.6	-	50.8	-
LENGTH (mm)	6000	5000	5000	5000	3000/2500	3000	3000
THICKNESS (mm)	2.5	1.0/1.6	2.5	1.6	0.5	0.8	0.8
STANDARD FINISHES	PG or HDG	PG	PG or HDG	PG	PG or PVC	PG	PG

Channels and Covers

Channels

O-line

Wiring Channels

And Trunking

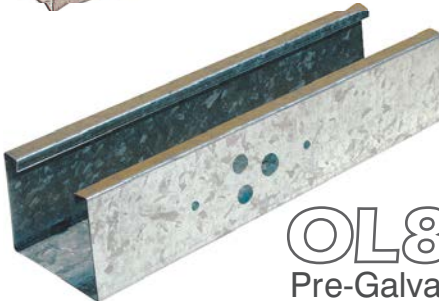
OL2200

Pre-Galvanized Finish



OL8000

Pre-Galvanized Finish



OL8300

Pre-Galvanized Finish
Standard: 6x knockouts



OL8200

Pre-Galvanized Finish



OL9000

Pre-Galvanized Finish

Covers

OL9184PG

Pre-Galvanized Finish



OL2184



OL9184PVC

Grey / White

DESCRIPTION	OL9000	OL9184	OL8000	OL8200	OL8300	OL8184
WIDTH (mm)	127	-	76.2	76.2	76.2	-
HEIGHT (mm)	76.2	-	76.2	50.8	63.5	-
LENGTH (mm)	3000	3000	3000	3000	3000	3000
THICKNESS (mm)	0.8	0.6	0.8	0.8	0.8	0.6
STANDARD FINISHES	PG	PG or PVC	PG	PG	PG	PG or PVC

WIRING CHANNELS

Wiring Channels

And Trunking

WCA

Standard Accessories

Pre-Galvanized Finish

OL1000/2000/3300/4000/
9000/8000/8300/8200/2200

Available for all channels



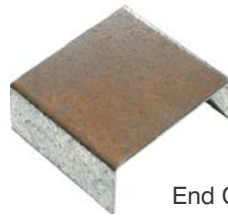
Horizontal Elbow



Internal Splice



External Elbow



End Cap



Internal Elbow



4 Way



Tee

CHANNEL SUPPORT SYSTEMS

Flange Hanger
Electro-Galvanized
Finish

OLFHO1/10
OLFHO1/12



Purlin Hanger
Pre-Galvanized Finish

OLPH01/10
OLPH01/12



Swivel Hanger
Electro-Galvanized
Finish

OLSH01/12



Wiring Channels

And Trunking

WCA

Radiused Accessories

Pre-Galvanized Finish

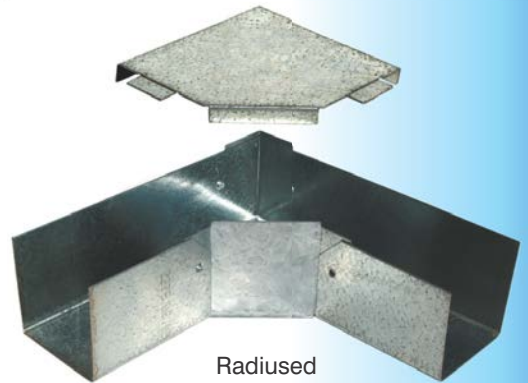
Only available for OL9000/OL8000/
OL8300/OL8200



Distribution Outlet



Radiused External Elbow



Radiused Horizontal Elbow



Radiused Internal Elbow



Radiused Tee

CHANNEL SUPPORT SYSTEMS



20mm Brass Fluorescent Adaptor



20mm Fluorescent Nylon Adaptor



Channel Hanger

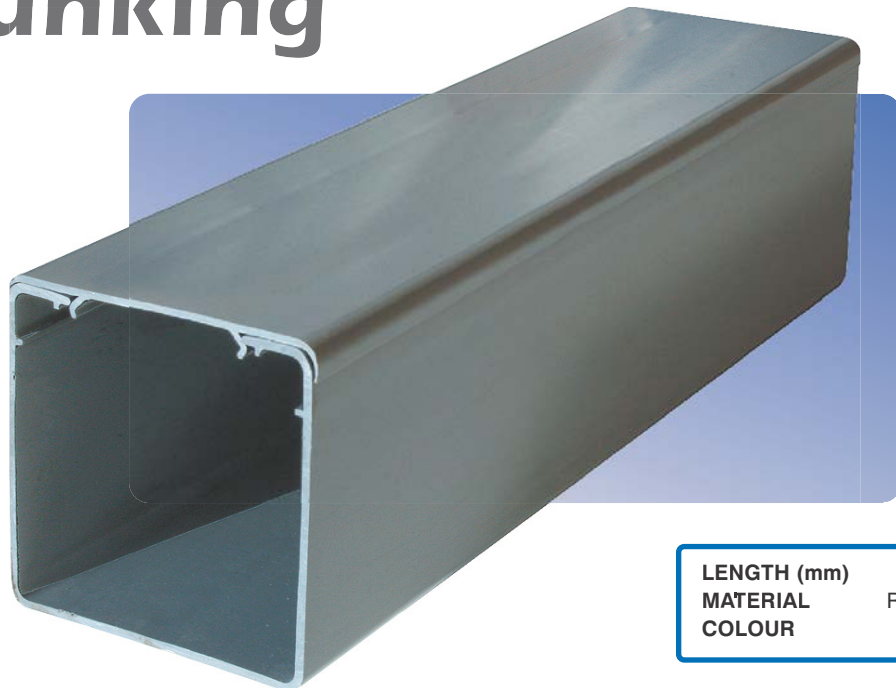
PRODUCT RANGE	CHANNEL HANGER OL2335	OL2200	OL8335	OL9335
SUITABLE FOR USE WITH	OL1000, OL2000 OL3300, OL4000	OL2200	OL8000 SERIES	OL9000
HOLE SIZE	11 mm			
FINISH	All Pre-Galvanized			

PVC Trunking

Industrial

CLT

Range



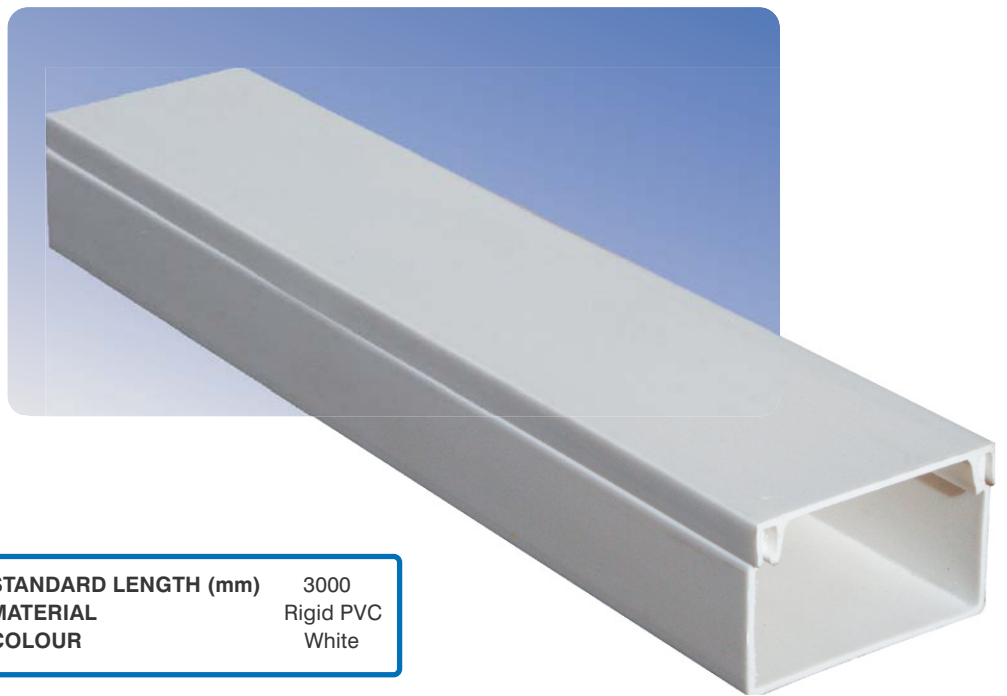
LENGTH (mm)	3000
MATERIAL	Rigid PVC
COLOUR	Grey

PART NUMBER	CLT/1	CLT/2	CLT/3	CLT/4	CLT/5	CLT/6
WIDTH (mm) A	50	75	75	100	100	100
HEIGHT (mm) B	50	50	75	50	75	100

Compact
Miniature

PVC

Trunking



STANDARD LENGTH (mm)	3000
MATERIAL	Rigid PVC
COLOUR	White

YT1 IS ONLY AVAILABLE IN 2m LENGTHS

PART NUMBER	YT1	YT2	YT3	YT4	YT5
WIDTH (mm) A	16	25	40	40	40
HEIGHT (mm) B	16	16	16	25	40
COMPARTMENTS	ONE	ONE	ONE	ONE	ONE

Zip-Lock

Complete friction free sling for wrap around applications



The range consists of a pre-determined length of wire from 1 metre to 10 metres with a choice of Safe Working Load:

- * Green 10kg
- * Silver 50kg
- * Yellow 120kg

The system consists of wire and clip with a swaged eye to form a friction free sling, no wire on wire.

CON-LOCK

Universal concrete anchor system for all concrete types



The range consists of a pre-determined length of wire from 1 metre to 10metres with a choice of Safe Working Load:

- * Green 10kg
- * Silver 50kg
- * Red 90kg

The system consists of wire and clip with a ferruled CLA 1 concrete anchor.

- * Nail anchor for hammer-set installation
- * The installed nail anchor expands automatically under load, pulls the cone into the expansion clip and expands against the wall
- * No claw back required
- * High tensile galvanised wire 1960 N/mm² grade 7 X 7 construction
- * BSEN 12385 Standard

Try-Lock

The complete cable management support system

The range consists of three pre-determined lengths of wire to support basket and tray. Safe Working Load:

- * Silver 50kg
- * Green 10kg (on request)

Available in drops to suit basket or tray measuring:

- * 50 - 100mm width
- * 150 - 200mm width
- * 300 - 400mm width

The system is designed to be used in conjunction with Rize, Zip-Lock, Con-Lock, Dec-Lock, Shot-Lock & Uni-Lock.

Zip-Clip Suspension System

A system for all applications



- * Pass wire through clip.
- * Loop wire through or around anchor point.
- * Pass wire back through clip.
- * Apply tension.
- * To adjust, take the load off and pull the tail slightly to disengage teeth, then release using adjustment pin.
- * Thread the wire rope into the 'through hole' in KL200.
- * Pass the wire rope 'tail' through (or around) the anchor point (eyehook, beam or purlin).
- * Push the wire rope tail into one locking channel in the KL200 and pull at least 6 inches of the wire rope through.

Pass the other wire rope end through (or around) the bracket or fixture on the object to be suspended, return the wire rope to the KL200 and push at least 6 inches of wire rope through to remaining locking channel.

Prior to load being applied, the wire rope can be adjusted in either direction

With the load off the wire rope and the KL200 clip, push the release pin in the direction of the arrow on the clip. This will release the locking wedge and allow the wire rope to be moved freely in either direction. (After a load has been applied it may be necessary to pull the cable slightly to disengage the teeth on the wedge). Be sure the load is fully supported before attempting adjustment.

Applications

ELECTRICAL

- * Luminaires
- * Busbar
- * Cable basket
- * Cable tray
- * Cable ladder
- * Trunking
- * High bays
- * CCTV cameras
- * Secondary support
- * Sound systems

ZIP-CLIP



Metal Framing

All cantilever support arms for cable ladders and trays should be 50mm longer than the width of the Cable ladder or tray used.

OL254

Single

PRODUCT RANGE	OL254						
STANDARD FINISH	Hot-dip Galvanized						
LENGTH (mm) A	150	200	250	350	450	550	650
THICKNESS	2,5mm						

OL254S

Staggered

PRODUCT RANGE	OL254S			
STANDARD FINISH	Hot-dip Galvanized			
LENGTH (mm) A	650	800	850	1050
LENGTH (mm) B	250	300	300	350
THICKNESS	2,5mm			

OL254

Double

PRODUCT RANGE	OL254Double		
STANDARD FINISH	Hot-dip Galvanized		
LENGTH (mm) A	650	850	1050
THICKNESS	2,5mm		

OL223

PRODUCT RANGE	OL223						
STANDARD FINISH	Hot-dip Galvanized						
LENGTH (mm) A	150	200	250	350	450	550	650
THICKNESS	2,5mm						

RF ARM

Can be used with Cable Tray

DESCRIPTION	RF150	RF200	RF250	RF350	RF400
LENGTH	150	200	250	350	450
HEIGHT	50,5	63	75	100	113
MATERIAL	2mm				
STANDARD FINISH	Pre-Galvanized				



Hot-dip Galvanized finish also available on request

Metal Framing

Fittings



OL1062 for M8 Bolt
OL1063 for M10 Bolt
OL1064 for M12 Bolt

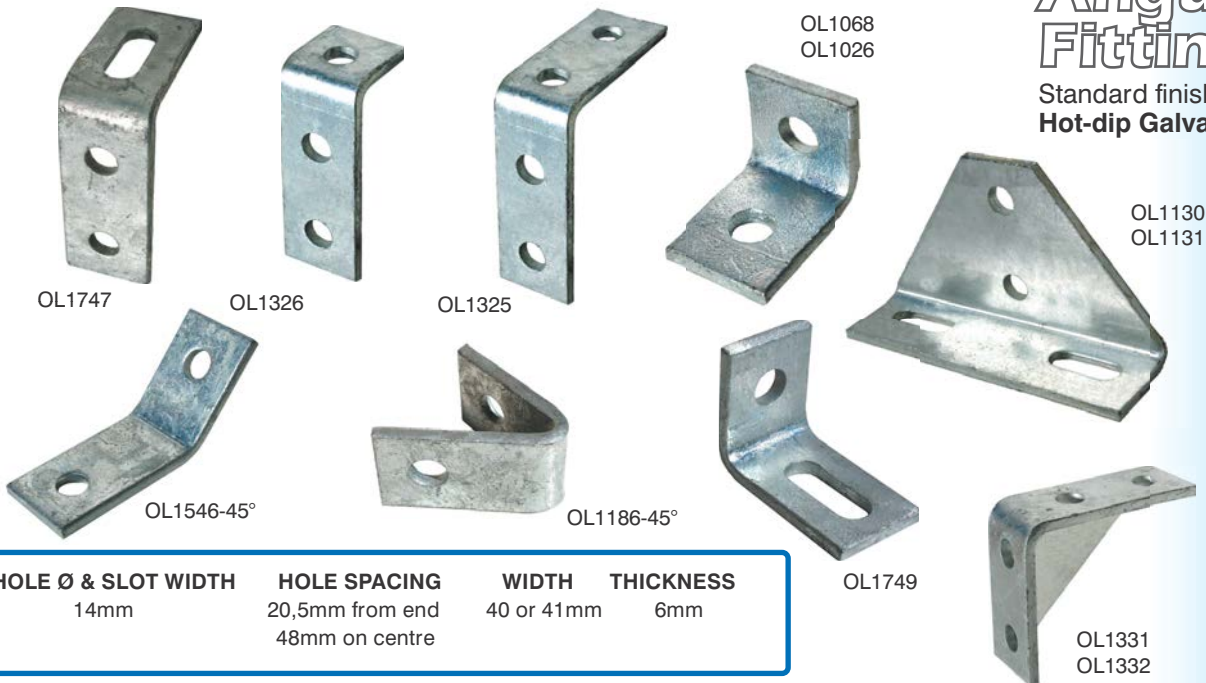
Flat Plate Fittings

Standard finish:
Hot-dip Galvanized



Angular Fittings

Standard finish:
Hot-dip Galvanized



HOLE Ø & SLOT WIDTH	HOLE SPACING	WIDTH	THICKNESS
14mm	20,5mm from end 48mm on centre	40 or 41mm	6mm



"U" Shape

Standard finish:
Hot-dip Galvanized

"Z" Shape

Standard finish:
Hot-dip Galvanized

HOLE Ø & SLOT WIDTH	HOLE SPACING	WIDTH	THICKNESS
14mm	20,5mm from end 48mm on center	40 or 41mm	6mm



Beam Clamps

Standard finish:
Electro-Galvanized

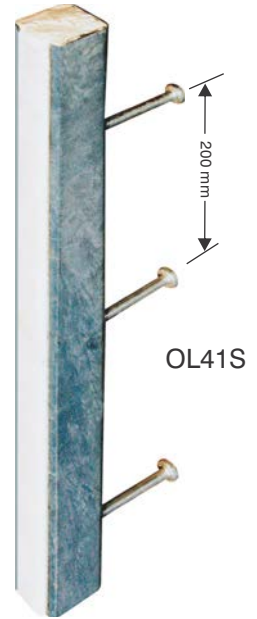
Channels

Olistrut®
OL41S
Concrete
Anchor Channels

OLISTRUT® concrete anchor channels are manufactured from 2,5mm thick mild steel in 6,0m lengths with 8mm Steel lugs welded to the back of the channel. The polystyrene filler ensures the exclusion of concrete "fines" from the channels.

SA Patent No. 88/620693/3889

PRODUCT RANGE	OL41/S
CHANNEL SIZE (mm)	41,3 x 41,3
LENGTH (mm)	6000
FINISH	Hot-dip galvanized



Post Bases

OL2072(S1)
OL2073(A)

OL2072(S1)

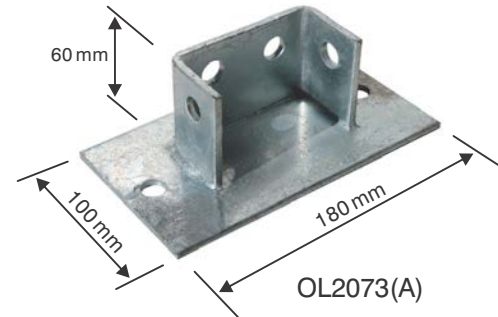
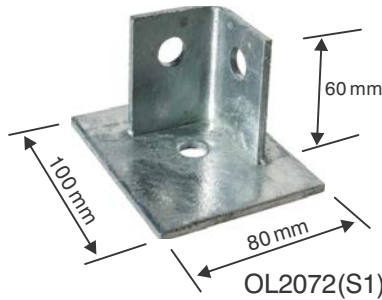
To be used with OL1000 Olistrut

OL2073(A)

To be used with OL1001 Olistrut

Standard Finish: **Hot-dip Galvanized**

Thickness of post bases 4.5mm



Olistrut® Channels and Combination Channels

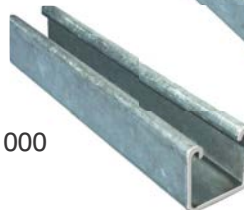
OL1000
OL1001
OL1000T

PRODUCT RANGE	THICKNESS (mm)	OVERALL DIMENSION	LENGTH (mm)
OL1000	2.5	41,3 x 41,3	6000
OL1001	2.5	41,3 x 82,6	6000
STANDARD FINISH	Hot-dip galvanized		

OL1001



OL1000



OL1000T

PRODUCT RANGE	THICKNESS (mm)	PIERCED SLOT SIZE	SLOT CENTRES(mm)	LENGTH (mm)
OL1000T/14	2.5mm	14 x 28mm*	50	6000
STANDARD FINISH	Hot-dip galvanized			

* Standard Slot size

2-piece Pipe/Cable Clamps



TWO PIECE PIPE CLAMP	OL2026	OL2027	OL2028	OL1111	OL2030
CABLE/PIPE Ø (mm)	11.5-13.5	13-17	16.5-19.5	19-23	21-30
SCREW SIZE	M6 x 20mm Gutter Bolt & Nut				

TWO PIECE PIPE CLAMP	OL1112	OL1113	OL1114	OL1115	OL1117	OL1118	OL1119
CABLE/PIPE Ø (mm)	24-30	31-36	38-44	43-57	54-70	71-85	87-95
SCREW SIZE	M6 x 25mm Gutter Bolt & Nut			M8 x 35mm Hex Set + Nut			

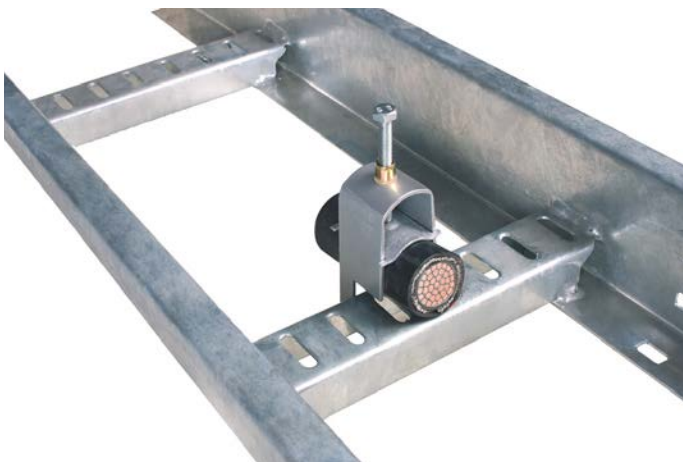
TWO PIECE PIPE CLAMP	OL1120	OL1121	OL1122	OL1123	OL1124	OL1125	OL1126	OL1127	OL1129
CABLE/PIPE Ø (mm)	99-110	110-122	116-140	135-145	155-180	175-206	188-228	235-270	260-285
SCREW SIZE	M 10 x 50mm Hex Set + Nut				M 10 x 60mm Hex Set + Nut				

Pipe Clamps

Pipe/Cable Clamps

TWO PIECE PIPE CLAMP SUITABLE FOR USE WITH OLISTRUT®
STANDARD FINISH
 Pre-galvanized
FINISH OF FASTENERS
 Electro-galvanized

Universal Cable Clamps



UNI-Clamp

The Universal Cable Clamp has been designed to fit most of O-LINE cable carrying products.

It will fit; OL 55; OL 76; PS 75-150; SSP 130-150; Angle Ladder; Mine Span; GS 50-75; OL 1000 and OL 3300
 Finish: Hot-dip-Galvanized

The Uni-Clamp uses a M6 bolt and a M6 Riv-Nut insert. Riv-Nut insert offers perfect thread with high stripping strength. Allowing the Uni-Clamp to be tightened perfectly every time **without stripping!**

CLAMPS	*UC14	*UC16	*UC20	*UC26	*UC32	*UC40
CABLE / PIPE Ø (mm)	14	16	20	26	32	40
CLAMPS	*UC46	*UC52	*UC58	*UC66	*UC70	*UC78
CABLE / PIPE Ø (mm)	46	52	58	66	70	78

Pipe Clamps

SS Series OL2246 Pipe Clamps



STANDARD FINISH
Hot-dip Galvanized



OL2246 Series
SUITABLE FOR USE
WITH OLISTRUT®

SS SERIES	SS21	SS27	SS34	SS42	SS48	SS60	SS76	SS89	SS101	SS114	SS140	SS166	SS173	SS219
NOMINAL BORE	15	20	25	32	40	50	65	80	-	100	125	150	-	200
OUTSIDE PIPE Ø	21	27	34	42	48	60	76	89	101	114	140	166	173	219
HOLE Ø (mm)	8	8	8	8	10	10	10	14	14	14	14	14	14	14

OL2246 SERIES	SS2246/20	OL2246/25	OL2246/30	OL2246/40	OL2246/50	OL2246/60	OL2246/70	OL2246/80
NOMINAL BORE	50	65	80	100	125	150	-	200
OUTSIDE PIPE Ø	60	76	89	114	140	166	173	209
HOLE Ø (mm)	10	10	14	14	14	14	14	14

Series OL2239 Pipe Clamps



OL2239 SERIES	OL2239/25	OL2239/40
NOMINAL BORE	65	100
OUTSIDE PIPE Ø	76	140
SCREW & NUT Ø (mm)	M12 X 45MM	M12 X 45MM

OL2239 Series
STANDARD FINISH
Hot-dip Galvanized

Series OL75 Pipe Clamps

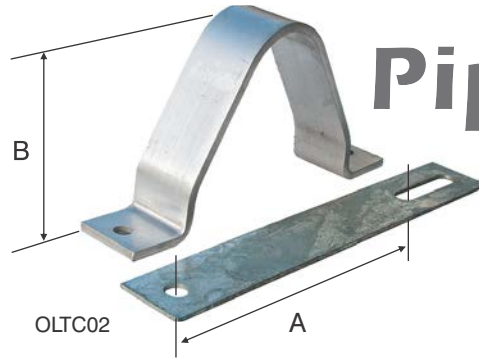
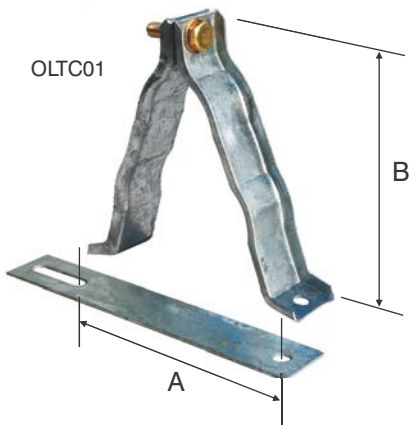
OL75 SERIES	OL75/15	OL75/20	OL75/25	OL75/30	OL75/40	OL75/50
NOMINAL BORE	15	20	25	30	40	50
OUTSIDE PIPE Ø	21	27	34	42	48	60
HOLE Ø (mm)	12	12	12	12	12	12

OL75 SERIES	OL75/60	OL75/80	OL75/100	OL75/125	OL75/150	OL75/200
NOMINAL BORE	60	80	100	125	150	200
OUTSIDE PIPE Ø	76	89	114	140	166	219
HOLE Ø (mm)	14	14	14	14	17	17



OL75 Series
STANDARD FINISH
Pre-Galvanized

Trefoil Clamps



Pipe Clamps

Series OLTC Trefoil Clamps

OLTC01	CABLE DIAMETER		A(mm)	B(mm)
	MINIMUM	MAXIMUM		
OLTC01/45	3 X Ø 39	3 X Ø 45	90 - 130	108
OLTC01/51	3 X Ø 46	3 X Ø 51	130 - 170	127
OLTC01/59	3 X Ø 52	3 X Ø 59	145 - 185	132
OLTC01/70	3 X Ø 60	3 X Ø 70	170 - 210	157
OLTC01/75	3 X Ø 70	3 X Ø 75	170 - 210	162
FINISH	Hot-dip Galvanized			

OLTC02	CABLE Ø	A(mm)	B(mm)
OLTC02/30	3 X Ø 30	115	61
OLTC02/37	3 X Ø 37	125	74
OLTC02/43	3 X Ø 43	170	85
OLTC02/48	3 X Ø 48	170	93
OLTC02/53	3 X Ø 53	170	102
OLTC02/63	3 X Ø 63	170	122
FINISH	Aluminium		

Fasteners



Gutter Bolt and Square Nut



Hex Set Screw and Nut



Long Spring Nut



Coupling Nut



Drop in Anchor



Flat Washer



Spring Washer



Fender Washer



Short Spring Nut



Threaded Rod

PRODUCT RANGE	LENGTH	FINISH	THREADED SIZES
Hex Set Screw	20mm, 25mm, 35mm, 40mm, 45mm, 50mm, 55mm, 60mm	Electro-galvanized	M6, M8, M10, M12 (Limited Lengths)
Flat Washer		Electro-galvanized	M6, M8, M10, M12
Spring Washer		Electro-galvanized	M6, M8, M10, M12
Fender Washer		Electro-galvanized	M6, M8, M10, M12
Hex Nut		Electro-galvanized	M6, M8, M10, M12
Coupling Nut		Electro-galvanized	M6, M8, M10, M12
Spring Nut		Electro-galvanized	M6, M8, M10, M12
Threaded Rod	3m	Electro-galvanized	M6, M8, M10, M12
Gutter Bolt & Square Nut	12mm, 20mm, 25mm	Electro-galvanized	M6
Cup Square Bolt & Nut	16mm	Mega Zinc	M6
Cone Point Screw	45mm	Electro-galvanized	M10, M12
Dome Head Slotted Bolt & Nut	16/20mm	Mega Zinc	M10
Square Neck Round Head Bolt & Nut	16/20mm	Mega Zinc	M8
Drop in Anchor		Electro-galvanized	M6, M8, M10, M12

Cable Ladders

Litespan® OL55

Accessory Radius: Minimum 450mm.
Suitable for use with Uni and Trefoil Clamps

OL76

Accessory Radius:
Minimum 450mm.
650mm & 1000mm on request.
Suitable for use with Uni and Trefoil Clamps.
Earth Studs are available for OL76 Ladder on request.

OL55

OL55 Litespan® Splice sets comprise 2 x Angle Splices, 8 x M6 Cup Square Bolts, Hex Nuts and Flat Washers per joint.

WIDTH (mm)	100	150	200	300	400	500
-------------------	-----	-----	-----	-----	-----	-----

LENGTH (mm)	3000
HEIGHT (mm)	55
STRAPPING SLOTS	11 X 28mm
CABLE TIE HOLES	11mm Ø & 8mm Ø
CROSS RUNG CENTERS (mm)	375
STANDARD FINISH	Hot-dip galvanized
FINISH OF FASTENERS	Mega Zinc / Super Zinc

OL76

OL76 Splice sets comprise 2 x Angle Splices, 8 x M6 Cup Square Bolts, Hex Nuts and Flat Washers per joint.

WIDTH (mm)	100	150	200	300	400	500	600	800	1000
-------------------	-----	-----	-----	-----	-----	-----	-----	-----	------

LENGTH (mm)	3000
HEIGHT (mm)	76
STRAPPING SLOTS	11 X 28mm
CABLE TIE HOLES	11mm Ø & 8mm Ø
CROSS RUNG CENTERS (mm)	375 except 800mm & 1000mm center = 300
STANDARD FINISH	Hot-dip galvanized
FINISH OF FASTENERS	Mega Zinc / Super Zinc
*LENGTH (mm)	6000 on request



O-LINE CABLE LADDER is a range of economically priced all welded construction single sided cable ladder.

O-LINE CABLE LADDER is designed to carry cables in a horizontally mounted application over spans of up to 2,0m at design working load.

O-LINE CABLE LADDER is manufactured using 3,0m long lipped "Z" shaped side rails and lipped angle cross rungs at 375mm centers with 17mm x 7mm laterally slotted holes at 25mm centers.

O-LINE CABLE LADDER splice sets comprise two Angle side rail splices, bolted in the vertical plane, using 4 x M6 x 16mm Cup Square bolts and nuts and flat washers per splice.

O-LINE CABLE LADDER has a range of accessories manufactured in 450mm internal radius.

O-LINE CABLE LADDER is designed to accept **Uni-Clamps**, as well as cable ties. Cable ladder covers are available and should be specified at order stage, if required.

Cable Ladder



O-line

Cable Ladders

Powerspan®

PS75

PS100

PS150

PS75, PS100 & PS150
SA Patent No: 88/06902 92/07710

PRODUCT RANGE	PS75	PS100	PS150
LENGTH (mm)		3000	
HEIGHT (mm)	75	100	150
CROSS RUNG SLOTS	11 X 28mm		
CABLE TIE HOLES	11mm Ø & 8mm Ø		
CROSS RUNG CENTERS (mm)	300		
STANDARD FINISH	Hot-dip galvanized		
*LENGTH (mm)	6000	on request	

WIDTH (mm)	150	200	300	400	500	600	800	1000
-------------------	-----	-----	-----	-----	-----	-----	-----	------

POWERSPAN is a range of robust, versatile all welded construction single sided cable ladders.

POWERSPAN is specifically designed to carry cables in an edge mounted application over spans of up to 4,0m (PS**/2) and 5,0m (PS**/3) at design working load.

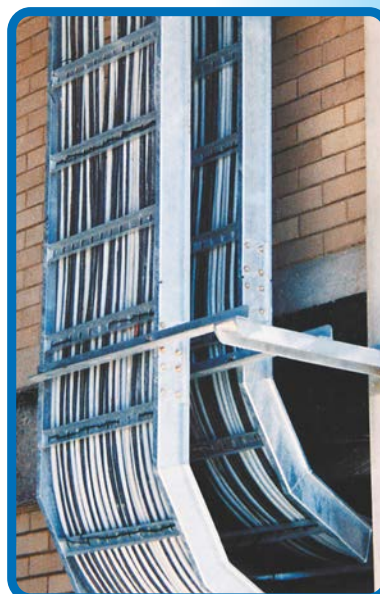
POWERSPAN may be used with equal success in the horizontally mounted application, with load capability varying in relation to the side rail depth chosen.

POWERSPAN is manufactured using 2mm (PS**/2) or 3mm (PS**/3) thick by 3,0m long lipped "Z" shaped side rails and channel cross rungs at 300mm centers with 25mm x 7mm laterally slotted holes at 25mm centers.

POWERSPAN splice sets comprise two angle side rail splices, bolted in both horizontal and vertical planes using 8 x M8 x 16 Cup Square bolts, nuts and flat washers per splice.

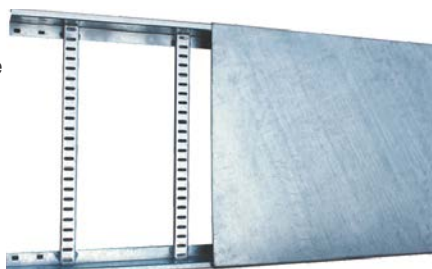
POWERSPAN has a comprehensive range of accessories manufactured from 2mm thick steel in 450mm, 650mm and 1000mm internal radii. Cable ladder covers and earth studs are available and should be specified at order stage, if required.

POWERSPAN is designed to accept cable ties / **Uni-Clamps**.



Full range of Covers available on request

Flat or Peaked



Cover

CABLE LADDERS

Cable Ladders

Accessories

- OL55
- OL76
- PS75
- PS100
- PS150



Reduction Splice



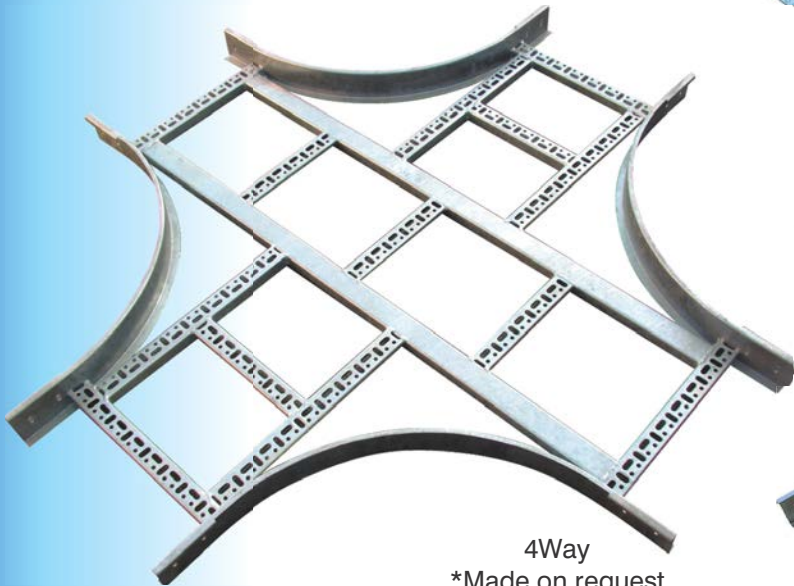
Adjustable Splice
(only in vertical plane)

Tee

Internal Bend

External Bend

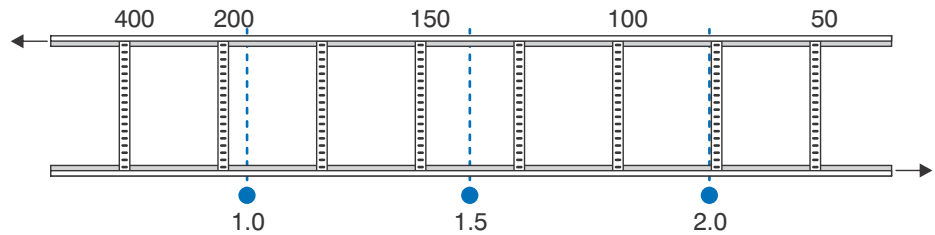
Horizontal Bend



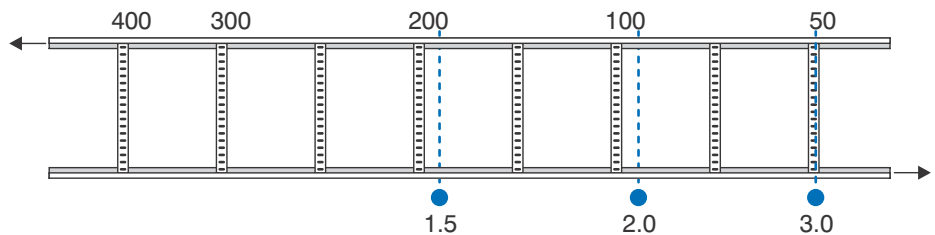
4Way
*Made on request

Loadings

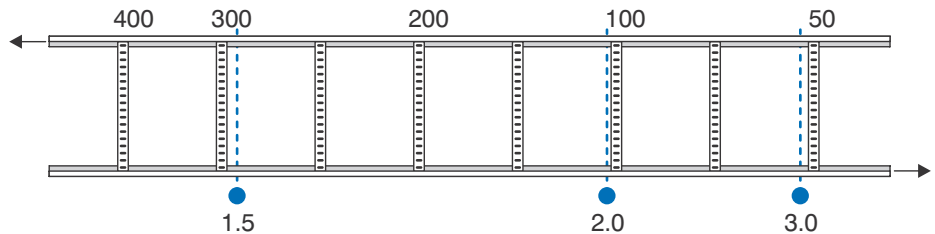
OL55
Load kg/m
SPAN
Width = 100 - 500



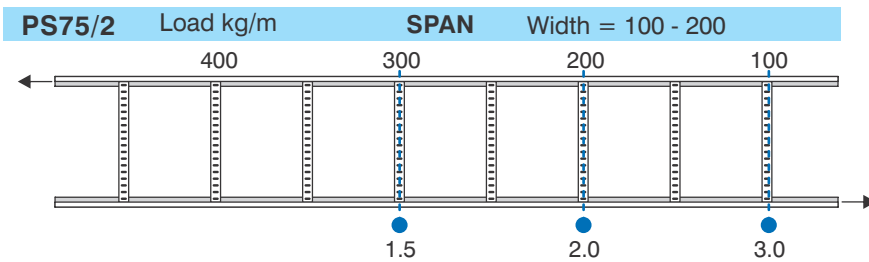
OL76
Load kg/m
SPAN
Width = 100 - 200



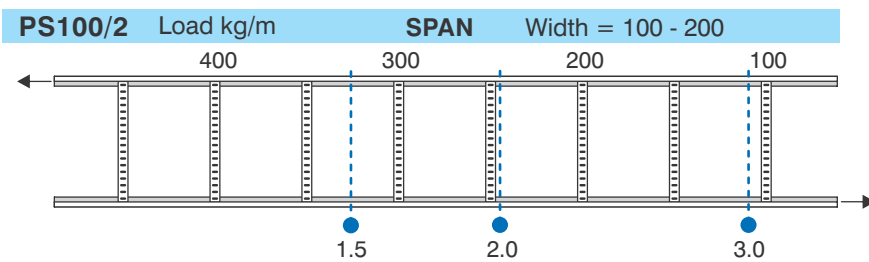
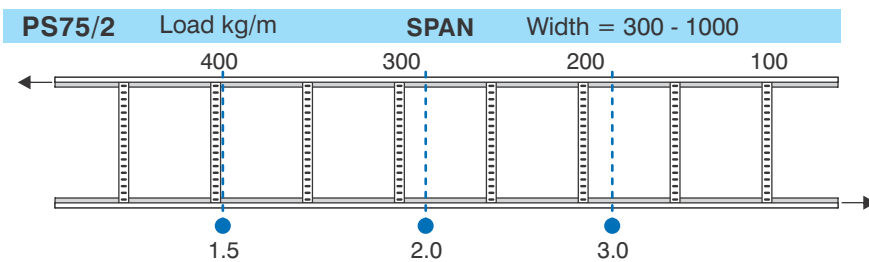
OL76
Load kg/m
SPAN
Width = 300 - 1000



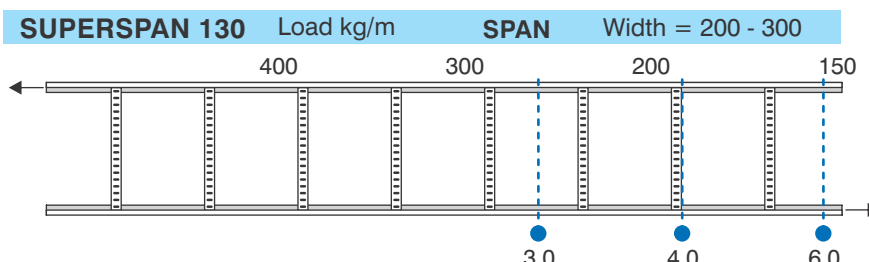
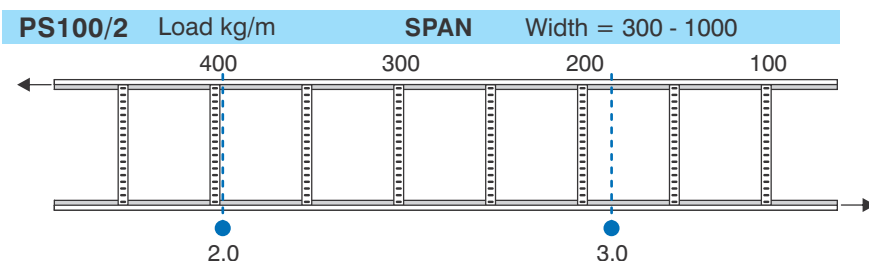
Cable Ladders



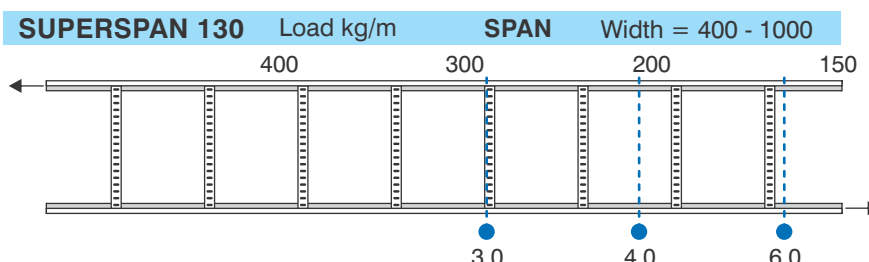
**Loading
PS75**



**Loading
PS100**



**Loading
SSP130**



Test results per individual lengths can vary due to manufacturing tolerances. The loading data is for guidance only and are typical. No guarantee can be offered that the installed product will match the loading information exactly. Deflection of span over 200 is used as a standard on all cable carrying products.

CABLE LADDERS

Cable Ladders

Superspan

CABLE LADDER

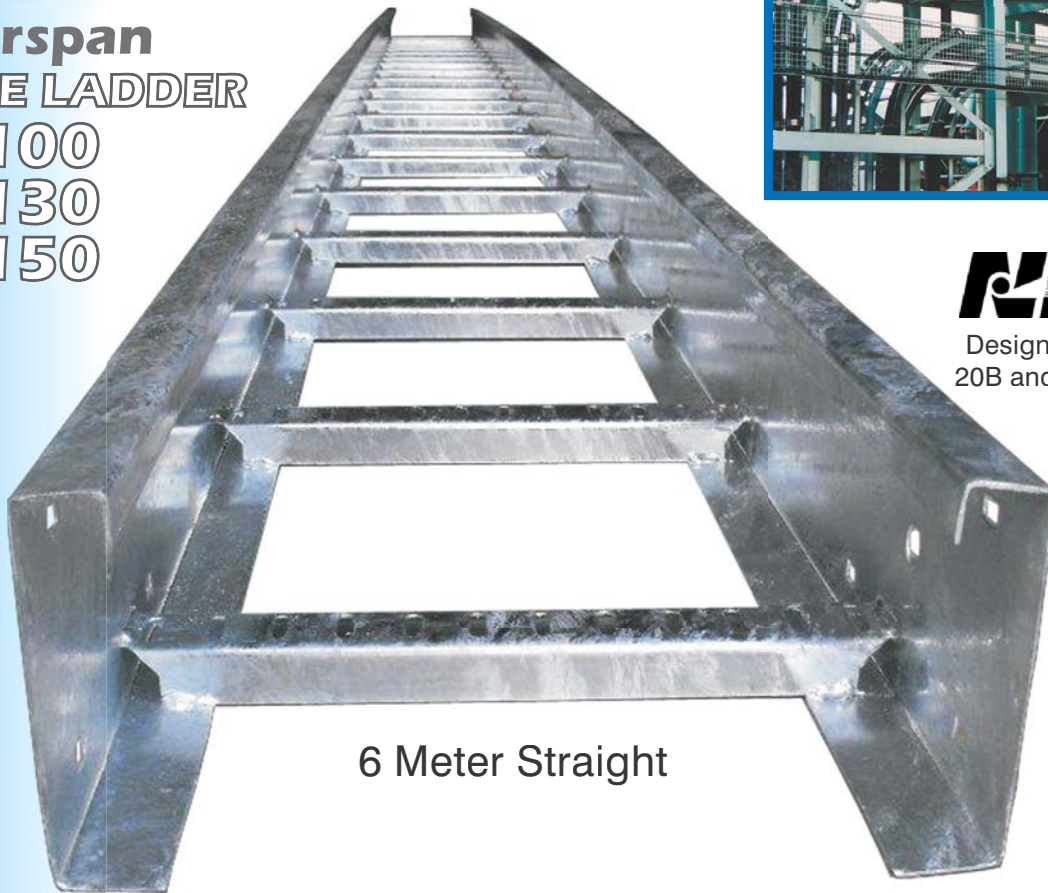
SSP100

SSP130

SSP150



Designed to meet NEMA
20B and 20C classification



6 Meter Straight

SUPERSPAN is a range of competitively priced all welded construction single sided cable ladders.

SUPERSPAN is designed to carry cables in a **horizontally** mounted application over spans of up to 6m at design working load. This product is acceptable for edge mounting applications, providing supports are not greater than 3m apart.

SUPERSPAN is manufactured using 5.8m & 6m long lipped shaped side rails and lipped channel cross rungs at 305mm centers. Rungs have 25mm x 7mm laterally slotted holes at 25mm centers.

SUPERSPAN splice sets comprise two channel side rail splices bolted, using 8 x M8 x 16mm Cup Square bolts, nuts and flat washers per splice.

SUPERSPAN has a comprehensive range of accessories manufactured in 450mm and 650mm internal radii. Cable ladder covers and earth studs are available and should be specified at order stage, if required.

SUPERSPAN is designed to accept Uni-clamps, as well as cable ties.

Ladder widths available on request.

Internal Bend



Accessories



Tee

Cable Ladders

TWINSpan is a range of robust, all welded construction, double sided cable ladders.

TWINSpan is specifically designed to carry cables in an edge mounted application over spans of up to 8,0m at Design working load in petrochemical plants.

TS150 & TS225
SA Patent No: 94/01988



Twinspan® TS150 TS225

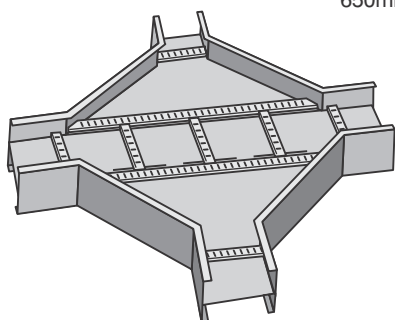
WIDTH (mm)	300	450	600	900
------------	-----	-----	-----	-----

PRODUCT RANGE	TS150	TS225
LENGTH (mm)	3000	
HEIGHT (mm)	150	225
CROSS RUNG SLOTS	25 X 7mm	
CROSS RUNG CENTERS (mm)	435	
STANDARD FINISH	Hot-dip Galvanized	

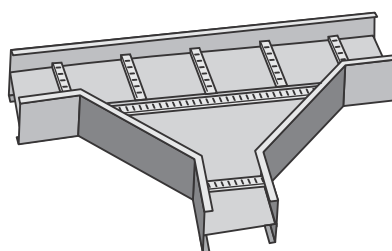
Twinspan® Splice sets comprise 4 x Angle Splices, 1 Flat Splice and 28 x M8 Round Head Square Neck Bolts, Hex Nuts and Flat Washers per joint.

Accessories

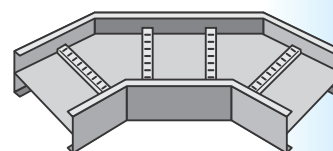
Accessory Radius: Minimum 450mm.
650mm & 1000mm on request.



Vertical 4Way



Vertical Tee



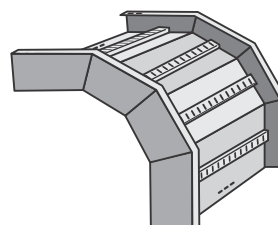
90° Vertical Bend



Centre Splice



Angle Splice



90° Horizontal Bend

Cable Ladders

Minespan®

MS40

MS50

Angle Iron

AI40

AI50

MINESPAN is a range of robust, all welded construction single sided cable ladders developed around the commonly specified "Angle and flat bar" type of cable ladder.

MINESPAN is designed to carry cables over spans of up to 4,0m in an edge mounted application and up to 3,5m in a horizontal application at design working load.

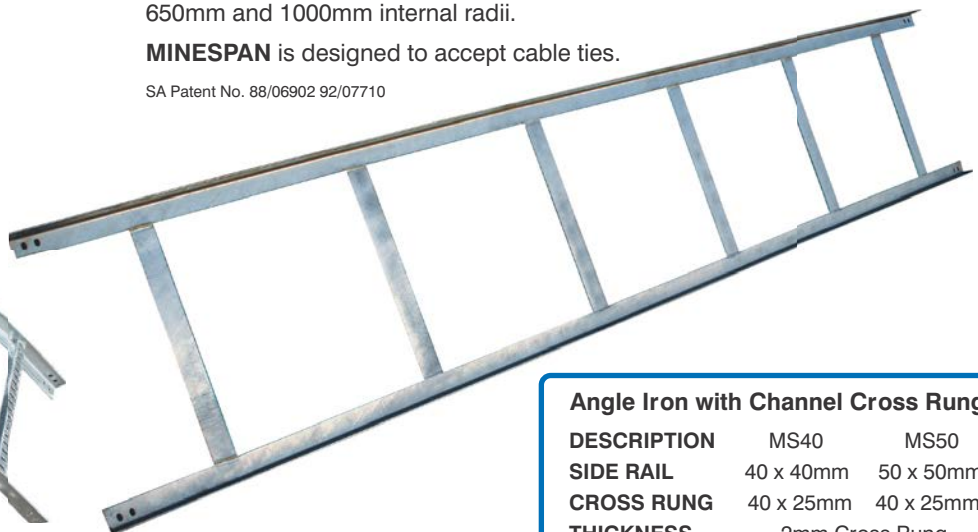
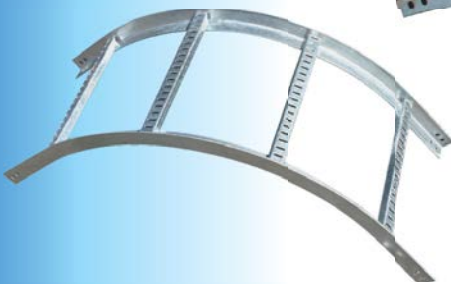
MINESPAN is manufactured for easy installation in 3,0m lengths using 40mm or 50mm by 5mm thick hot rolled equal angles as side rails. Channel cross rungs at 300mm centers, with 25mm x 7mm laterally slotted holes at 25mm centers, replace the flat bar rung.

MINESPAN has a comprehensive range of accessories manufactured in 450mm, 650mm and 1000mm internal radii.

MINESPAN is designed to accept cable ties.

SA Patent No. 88/06902 92/07710

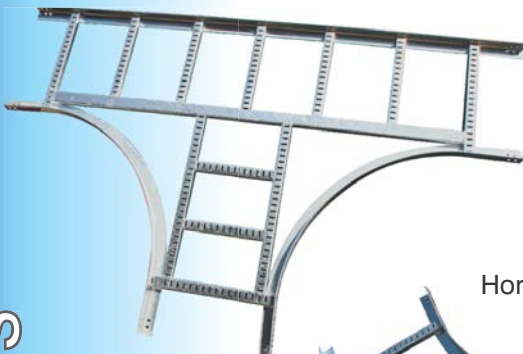
External Bend



Angle Iron with Channel Cross Rung

DESCRIPTION	MS40	MS50
SIDE RAIL	40 x 40mm	50 x 50mm
CROSS RUNG	40 x 25mm	40 x 25mm
THICKNESS	2mm Cross Rung	

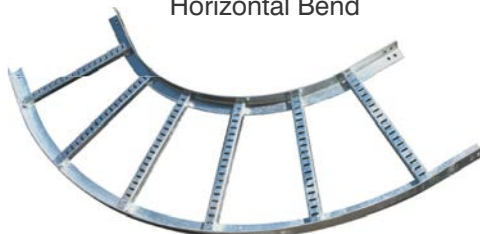
Tee



Angle Iron with Flat Bar Cross Rung

DESCRIPTION	AI40	AI50
SIDE RAIL	40 x 40mm	50 x 50mm
CROSS RUNG	40 x 5mm Flat Bar	

Horizontal Bend



STANDARD LENGTH	3000
SLOT SIZE	Ø 7 x 17,5mm
RUNG CENTERS	300mm
STANDARD FINISH	Hot-dip Galvanized
FASTENER FINISH	Mega Zinc
MINIMUM ACCESSORY RADIUS	650mm

SPLICE SET COMPRISES

2 x Flat Splice plates, 8 x M8 x 25mm Hex Set Screws & Hex Nuts with 16 Flat Washers.
Angle Iron Ladders can be manufactured with/without any splicing or rung holes.

Details of Cross Rungs

Minespan



Angle Ladder



DURASPAN is a range of sturdy lightweight, single sided, high strength, corrosion resistant, nonconductive, maintenance free, all glass reinforced polyester (GRP) cable ladders.

DURASPAN is designed to carry cables over spans of 2.0m in a horizontally mounted application at design working load.

DURASPAN is manufactured in 3.0m lengths using "S" shaped side rails with a choice of unslotted tubular cross rungs at 300mm centres.

DURASPAN splice sets comprise two "S" shaped side rail splices designed specifically to fit snugly into the side rail shape. The splices are glued, and then dowelled in the vertical plane using 6 x 8mm diameter GRP dowels per splice. Curing time for the two pack epoxy adhesive at 25°C with normal handling is 24 hours. For full strength adhesive cure, the ladder must remain unloaded for 7 days.

DURASPAN has a range of accessories manufactured in 450mm internal radius assembled by means of dough moulded compound (DMC) angle and rung joiners. GRP covers are available.

Widths available on request 150mm, 300mm, 450mm and 600mm

DS75 Duraspan®
SA Patent No: 87/04915 88/05114

Cable Ladders

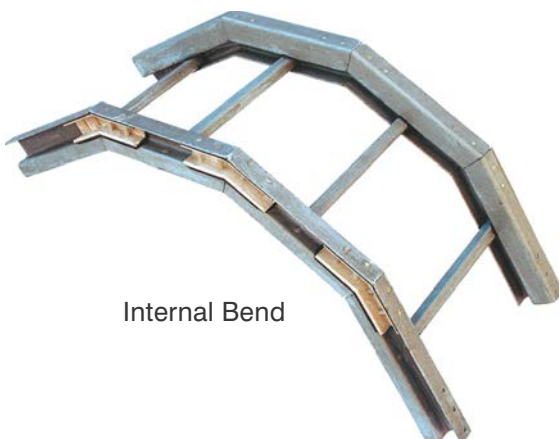


Duraspan® DS75 Glass reinforced plastic

Splice Detail:
Duraspan® Splice sets comprise
2 x S Splices, 12 x 8mm GRP
Dowels per Splice Set.
(Adhesive required to glue
splice in position.)

Accessories

Accessory Radius: Minimum 450mm



Internal Bend



External Bend



Horizontal Bend



Projects



PROJECTS

Product Weights



Channels & Accessories

OL1000	X 5M CHANNEL	13.94
OL2000/1.6	X 5M CHANNEL	9.27
OL2000/1.0	X 5M CHANNEL	5.79
OL1000/2000	SPLICE	0.10
OL1000	END CAP/2	0.04
OL2000	END CAP/1	0.02
OL1000/2000	HORIZONTAL ELBOW	0.14
OL1000/2000	INTERNAL ELBOW	0.14
OL1000/2000	EXTERNAL ELBOW	0.14
OL1000/2000	TEE	0.16
OL1000/2000	4 WAY CROSSOVER	0.20
OL3300	X 5M CHANNEL	9.88
OL4000	X 5M CHANNEL	6.82
OL3300/OL4000	SPLICE	0.08
OL3300	END CAP	0.02
OL4000	END CAP	0.01
OL3300/4000	HORIZONTAL ELBOW	0.08
OL3300/4000	INTERNAL ELBOW	0.08
OL3300/4000	EXTERNAL ELBOW	0.08
OL3300/4000	TEE	0.10
OL3300/4000	4 WAY	0.14
OL1184	X 2.5M CLOSURE STRIP	1.25
OL2200	HANGER COMPLETE	0.14
OL2200	X 3.0M CHANNEL	2.44
OL2184	3.0M CLOSURE STRIP	1.12
OL2200	SPLICE	0.16
OL2200	END CAP	0.02
OL2200	HORIZONTAL ELBOW	0.18
OL2200	INTERNAL ELBOW	0.24
OL2200	EXTERNAL ELBOW	0.20
OL2200	TEE	0.28
OL2200	4 WAY	0.34
OL1184	X 3M CLOSURE STRIP	1.25
OL1000	X 6M CHANNEL	16.73
OL3300	X 6M CHANNEL	11.86
OL1184	X 2.5M CLOSURE STRIP	PVC
OL2335	HANGER COMPLETE	0.14
OL8000	X 3M CHANNEL	6.3
OL8100	X 3M CHANNEL	4.5
OL8200	X 3M CHANNEL	5.1
OL8300	X 3M CHANNEL	5.7
OL9000	X 3M CHANNEL	7.8
OL9184	X 3M CLOSURE STRIP (PG)	4.5
OL8184	X 3M CLOSURE STRIP (PG)	2.4
OL9000	SPLICE	1.64
OL8000	SPLICE	1.28
OL8300	SPLICE	1.16
OL8200/OL8100	SPLICE	0.98
OL9000	END CAP	0.38
OL8000/OL8300	END CAP	0.42
OL8200/OL8100	END CAP	0.24

OL9000	HOR. INT&EXT ELBOW	0.73
OL8000	HOR. INT&EXT ELBOW	0.59
OL8300	HOR. INT&EXT ELBOW	0.52
OL8200/OL8100	HOR. INT&EXT ELBOW	0.41
OL9000	TEE	0.85
OL8000	TEE	0.6
OL8300	TEE	0.54
OL8200/OL8100	TEE	0.46
OL9000	4 WAY	1.2
OL8000	4 WAY	0.76
OL8300	4 WAY	0.68
OL8200/OL8100	4 WAY	0.58
OL8000	RAD. HOR.ELBOW + COVER	1
OL8200	RAD. HOR.ELBOW + COVER	0.82
OL8300	RAD. HOR.ELBOW + COVER	1
OL9000	RAD. HOR.ELBOW + COVER	1.44
OL9000	RAD. INT.ELBOW	0.88
OL8000	RAD. INT.ELBOW	0.64
OL8200	RAD. INT.ELBOW	0.5
OL8300	RAD. INT.ELBOW	0.62
OL9000	RAD. EXT.ELBOW + COVER	1.44
OL8000	RAD. EXT.ELBOW + COVER	1
OL8200	RAD. EXT.ELBOW + COVER	0.82
OL8300	RAD. EXT.ELBOW + COVER	1
OL9000	RAD. TEE + COVER	1.74
OL8000	RAD. TEE + COVER	1.45
OL8200	RAD. TEE + COVER	0.9
OL8300	RAD. TEE + COVER	1.3
OL9000	RAD. 4WAY+ COVER	2.24
OL8000	RAD. 4WAY+ COVER	1.64
OL8200	RAD. 4WAY+ COVER	1.33
OL8300	RAD. 4WAY+ COVER	1.4
OL9000	RAD. DB OUTLET + COVER	0.86
OL8000	RAD. DB OUTLET + COVER	0.66
OL8300	RAD. DB OUTLET + COVER	0.64
OL8200/OL8100	RAD. DB OUTLET + COVER	0.57
OL9000	HANGER	0.35
OL8000/OL8100/OL8200/OL8300	HANGER	0.29
OL9000	Wiring Retainer	0.09
OL8000/OL8100/		
OL8200/OL8300	Wiring Retainer	0.06

Product Weights

Product

OL55 HDG
OL76 HDG
PS75 HDG

Ladder Weights and Volumes

OL55 HDG LADDERS

###	3M STRAIGHT PER 2	90 HOR PER 2	90 INT / EXT PER 10	TEE EA	4WAY EA
100 mm	3020 x 150 x 90	1100 x 450 x 90	1000 x 250 x 900	1300 x 750 x 60	1300 x 1300 x 60
Mass EA	7.72	2.77	2.38	5.9	8.69
150 mm	3020 x 200 x 90	1100 x 500 x 90	1000 x 300 x 900	1350 x 800 x 60	1350 x 1350 x 60
Mass EA	8.06	3.03	2.52	6.18	9.06
200 mm	3020 x 250 x 90	1200 x 500 x 90	1000 x 400 x 900	1400 x 900 x 60	1400 x 1400 x 60
Mass EA	8.39	3.29	2.64	6.47	9.43
300 mm	3020 x 350 x 90	1350 x 600 x 90	1000 x 450 x 900	1500 x 950 x 60	1500 x 1500 x 60
Mass EA	9.07	3.81	2.85	7.04	10.16
400 mm	3020 x 450 x 90	1500 x 700 x 90	1000 x 550 x 900	1600 x 1050 x 60	1600 x 1600 x 60
Mass EA	9.75	4.68	3.08	7.61	10.91
500 mm	3020 x 550 x 90	1600 x 800 x 90	1000 x 650 x 1000	1700 x 1150 x 60	1700 x 1700 x 60
Mass EA	10.09	5.28	3.32	8.61	12.06
SPLICE SET BOX OF 30	230 x 160 x 160				
	8.86				

OL76 HDG LADDERS

###	3M STRAIGHT PER 2	90 HOR PER 2	90 INT / EXT PER 10	TEE EA	4WAY EA
100 mm	3030 x 180 x 110	1100 x 450 x 110	1000 x 250 x 900	1300 x 750 x 80	1300 x 1300 x 80
Mass EA	10.12	4.42	4.01	9.38	13.49
150 mm	3030 x 230 x 110	1100 x 500 x 110	1000 x 300 x 900	1350 x 800 x 80	1350 x 1350 x 80
Mass EA	10.52	4.77	4.16	9.85	14.06
200 mm	3030 x 280 x 110	1200 x 500 x 110	1000 x 400 x 900	1400 x 900 x 80	1400 x 1400 x 80
Mass EA	10.91	5.12	4.31	10.32	14.61
300 mm	3030 x 380 x 110	1350 x 600 x 110	1000 x 450 x 900	1500 x 950 x 80	1500 x 1500 x 80
Mass EA	11.71	5.82	4.61	11.27	15.72
400 mm	3030 x 480 x 110	1500 x 700 x 110	1000 x 550 x 900	1600 x 1050 x 80	1600 x 1600 x 80
Mass EA	12.51	6.52	4.91	12.22	16.83
500 mm	3030 x 580 x 110	1600 x 800 x 110	1000 x 650 x 1000	1700 x 1150 x 80	1700 x 1700 x 80
Mass EA	16.61	8.33	5.58	14.53	19.56
600 mm	3030 x 680 x 110	1700 x 900 x 110	1000 x 750 x 1000	1800 x 1250 x 80	1800 x 1800 x 80
Mass EA	17.61	9.26	5.94	15.74	20.98
800 mm	3030 x 880 x 110	2000 x 1200 x 110	1000 x 1000 x 1000	2000 x 1450 x 80	2000 x 2000 x 80
Mass EA	21.55	12.09	6.69	18.18	23.85
1000 mm	3030 x 1080 x 110	2400 x 1400 x 110	1000 x 1200 x 1000	2200 x 1700 x 80	2150 x 2150 x 80
Mass EA	24.03	14.19	7.43	23.09	27.95
SPLICE SET BOX OF 20	310 x 230 x 160				
	12.31				

PS75 HDG LADDERS

###	3M STRAIGHT PER 2	90 HOR PER 2	90 INT / EXT PER 10	TEE EA	4WAY EA
150 mm	3030 x 230 x 110	1100 x 500 x 110	1000 x 300 x 900	1350 x 800 x 80	1350 x 1350 x 80
Mass EA	15.58	5.89	5.15	11.69	16.48
200 mm	3030 x 280 x 110	1200 x 500 x 110	1000 x 400 x 900	1400 x 900 x 80	1400 x 1400 x 80
Mass EA	16.29	6.35	5.36	12.31	17.94
300 mm	3030 x 380 x 110	1350 x 600 x 110	1000 x 450 x 900	1500 x 950 x 80	1500 x 1500 x 80
Mass EA	17.71	7.69	5.79	13.97	19.08
400 mm	3030 x 480 x 110	1500 x 700 x 110	1000 x 550 x 900	1600 x 1050 x 80	1600 x 1600 x 80
Mass EA	19.11	8.75	6.21	15.34	20.67
500 mm	3030 x 580 x 110	1600 x 800 x 110	1000 x 650 x 1000	1700 x 1150 x 80	1700 x 1700 x 80
Mass EA	20.53	9.81	6.64	16.71	22.26
600 mm	3030 x 680 x 110	1800 x 950 x 110	1000 x 750 x 1000	1800 x 1250 x 80	1800 x 1800 x 80
Mass EA	21.94	11.72	7.06	18.08	23.85
800 mm	3030 x 880 x 110	2000 x 1200 x 110	1000 x 1000 x 1000	2000 x 1450 x 80	2000 x 2000 x 80
Mass EA	24.77	14.12	7.91	21.96	28.16
1000 mm	3030 x 1080 x 110	2400 x 1400 x 110	1000 x 1200 x 1000	2200 x 1700 x 80	2150 x 2150 x 80
Mass EA	27.59	16.52	8.76	24.99	31.62
SPLICE SET BOX OF 15	250 x 230 X 160				
	15.01				

All weights and volumes are estimates

Product Weights

Ladder Weights and Volumes

Product
PS100HDG
PS150HDG
SSP130HDG

PS100 HDG LADDERS

	3M STRAIGHT <i>PER 2</i>	90 HOR <i>PER 2</i>	90 INT / EXT <i>PER 10</i>	TEE <i>EA</i>	4WAY <i>EA</i>
150 mm	3030 x 230 x 130	1100 x 500 x 130	1000 x 300 x 900	1350 x 800 x 100	1350 x 1350 x 100
Mass EA	18.23	6.89	6.04	13.18	18.26
200 mm	3030 x 280 x 130	1200 x 500 x 130	1000 x 400 x 900	1400 x 900 x 100	1400 x 1400 x 100
Mass EA	18.94	7.38	6.25	13.82	19.27
300 mm	3030 x 380 x 130	1350 x 600 x 130	1000 x 450 x 900	1500 x 950 x 100	1500 x 1500 x 100
Mass EA	20.35	8.79	6.68	15.52	20.86
400 mm	3030 x 480 x 130	1500 x 700 x 130	1000 x 550 x 900	1600 x 1050 x 100	1600 x 1600 x 100
Mass EA	21.76	9.92	7.11	16.93	22.45
500 mm	3030 x 580 x 130	1600 x 800 x 130	1000 x 650 x 1000	1700 x 1150 x 100	1700 x 1700 x 100
Mass EA	23.18	11.05	7.53	18.35	24.04
600 mm	3030 x 680 x 130	1800 x 950 x 130	1000 x 750 x 1000	1800 x 1250 x 100	1800 x 1800 x 100
Mass EA	24.59	13.02	7.95	19.77	25.63
800 mm	3030 x 880 x 130	2000 x 1200 x 130	1000 x 1000 x 1000	2000 x 1450 x 100	2000 x 2000 x 100
Mass EA	27.42	15.56	8.81	23.73	29.94
1000 mm	3030 x 1080 x 130	2400 x 1400 x 130	1000 x 1200 x 1000	2200 x 1700 x 100	2150 x 2150 x 100
Mass EA	30.24	18.11	9.65	26.85	33.39

PS150 HDG LADDERS

	3M STRAIGHT <i>PER 2</i>	90 HOR <i>PER 2</i>	90 INT / EXT <i>PER 10</i>	TEE <i>EA</i>	4WAY <i>EA</i>
150 mm	3030 x 230 x 180	1100 x 500 x 180	1000 x 300 x 900	1350 x 800 x 150	1350 x 1350 x 150
Mass EA	23.64	8.91	6.97	16.21	21.89
200 mm	3030 x 280 x 180	1200 x 500 x 180	1000 x 400 x 900	1400 x 900 x 150	1400 x 1400 x 150
Mass EA	24.34	9.48	7.18	16.89	22.91
300 mm	3030 x 380 x 180	1350 x 600 x 180	1000 x 450 x 900	1500 x 950 x 150	1500 x 1500 x 150
Mass EA	25.76	11.03	7.61	18.68	24.49
400 mm	3030 x 480 x 180	1500 x 700 x 180	1000 x 550 x 900	1600 x 1050 x 150	1600 x 1600 x 150
Mass EA	27.17	12.29	8.03	20.19	26.08
500 mm	3030 x 580 x 180	1600 x 800 x 180	1000 x 650 x 1000	1700 x 1150 x 150	1700 x 1700 x 150
Mass EA	28.58	13.57	8.45	21.69	27.67
600 mm	3030 x 680 x 180	1800 x 950 x 180	1000 x 750 x 1000	1800 x 1250 x 150	1800 x 1800 x 150
Mass EA	30.01	15.69	8.87	23.21	29.26
800 mm	3030 x 880 x 180	2000 x 1200 x 180	1000 x 1000 x 1000	2000 x 1450 x 150	2000 x 2000 x 150
Mass EA	32.82	18.51	9.72	27.35	33.57
1000 mm	3030 x 1080 x 180	2400 x 1400 x 180	1000 x 1200 x 1000	2200 x 1700 x 150	2150 x 2150 x 150
Mass EA	35.65	21.33	10.57	30.64	37.03

SSP130 2 HDG LADDERS

	5.8M STRAIGHT <i>PER 2</i>	90 HOR <i>PER 2</i>	90 INT / EXT <i>PER 10</i>	TEE <i>EA</i>	4WAY <i>EA</i>
200 mm	5830 x 240 x 160	1180 x 350 x 1550	1800 x 1000 x 130	1800 x 1	800 x 130
Mass EA					
300 mm	5830 x 340 x 160	1180 x 450 x 1550	1900 x 1100 x 130		1900 x 1900 x 130
Mass EA	47.85				
400 mm	5830 x 440 x 160	1180 x 550 x 1550	2000 x 1200 x 130		2000 x 2000 x 130
Mass EA					
500 mm	5830 x 540 x 160	1180 x 650 x 1550	2100 x 1300 x 130		2100 x 2100 x 130
Mass EA					
600 mm	5830 x 640 x 160	1180 x 750 x 1550	2200 x 1400 x 130		2200 x 2200 x 130
Mass EA	52.51				
800 mm	5830 x 840 x 160	1180 x 950 x 1550	2400 x 1600 x 130		2400 x 2400 x 130
Mass EA					
1000 mm	5830 x 1040 x 160	1180 x 1150 x 1550	2600 x 1800 x 130		2600 x 2600 x 130
Mass EA					
SPLICE SET BOX OF 10	460 x 310 x 220 32.01				

All weights and volumes are estimates

PRODUCT WEIGHTS

Product Weights

Cable Tray Weights and Volumes

Product

PT12/19
PT38
PT76

PT12 & 19 TRAYS PG

		3M STRAIGHT
		<i>PER 2</i>
50 mm		2460 x 55 x 15
Mass	EA	1.26
76 mm		2460 x 80 x 15
Mass	EA	1.66
101mm		2460 x 105 x 22
Mass	EA	2.31
152 mm		2460 x 155 x 22
Mass	EA	3.02
203 mm		2460 x 205 x 22
Mass	EA	4.31
228 mm		2460 x 230 x 22
Mass	EA	4.88
304 mm		2460 x 308 x 22
Mass	EA	6.18
381 mm		2460 x 385 x 22
Mass	EA	7.58
457 mm		2460 x 460 x 22
Mass	EA	9.02
609 mm		2460 x 615 x 22
Mass	EA	15.48

90 HOR EA

0.17
0.24
0.32
0.51
0.64
0.98
1.54
2.51
3.76
5.78

90 INT / EXT EA

0.24
0.32
0.46
0.61
0.88
0.94
1.22
2.52
2.71
4.88

TEE

0.31
0.41
0.58
0.84
1.26
1.46
2.16
3.82
5.56
7.98

4WAY

0.44
0.56
0.81
1.08
1.74
2.01
2.72
5.06
5.52
8.86

PT38 TRAYS HDG

		3M STRAIGHT
		<i>PER 2</i>
76 mm		3030 x 85 x 45
Mass	EA	4.92
114 mm		3030 x 125 x 45
Mass	EA	6.14
152 mm		3030 x 160 x 45
Mass	EA	7.06
228 mm		3030 x 240 x 45
Mass	EA	9.26
304 mm		3030 x 320 x 45
Mass	EA	15.12
457 mm		3030 x 470 x 45
Mass	EA	20.96
609 mm		3030 x 630 x 45
Mass	EA	26.14

90 HOR PER 2

890 x 300 x 45
1.81
930 x 340 x 45
2.26
990 x 380 x 45
2.96
1100 x 450 x 45
4.21
1210 x 530 x 45
6.62
1420 x 680 x 45
11.06
1640 x 820 x 45
14.66

90 INT / EXT PER 5

770 x 470 x 80
1.53
770 x 470 x 120
1.85
770 x 470 x 160
2.34
770 x 470 x 240
2.91
770 x 470 x 315
4.21
770 x 470 x 470
6.01
770 x 470 x 620
7.49

TEE EA

1150 x 640 x 85
4.32
1200 x 680 x 85
5.24
1230 x 730 x 85
6.14
1300 x 800 x 85
7.82
1380 x 880 x 85
11.48
1540 x 1000 x 85
15.36
1680 x 1010 x 85
25.06

4WAY EA

1140 x 1140 x 85
6.22
1180 x 1180 x 85
7.11
1220 x 1220 x 85
8.61
1300 x 1300 x 85
11.34
1380 x 1380 x 85
17.81
1530 x 1530 x 85
24.53
1680 x 1680 x 85
30.86

PT76 TRAYS HDG

		3M STRAIGHT
		<i>PER 2</i>
76 mm		3030 x 85 x 85
Mass EA		7.06
114 mm		3030 x 125 x 85
Mass EA		8.34
152 mm		3030 x 160 x 85
Mass EA		9.56
228 mm		3030 x 240 x 85
Mass EA		11.98
304 mm		3030 x 320 x 85
Mass EA		21.01
457 mm		3030 x 470 x 85
Mass EA		25.01
609 mm		3030 x 630 x 85
Mass EA		29.08

90 HOR PER 2

890 x 300 x 85
2.74
930 x 340 x 85
3.21
990 x 380 x 85
3.98
1100 x 450 x 85
5.06
1210 x 530 x 85
8.02
1420 x 680 x 85
11.96
1640 x 820 x 85
16.61

90 INT / EXT PER 5

770 x 700 x 80
2.21
770 x 700 x 120
2.82
770 x 700 x 160
2.98
770 x 700 x 240
3.41
770 x 700 x 315
5.26
770 x 700 x 470
6.61
770 x 700 x 620
9.01

TEE PER 2

1150 x 640 x 85
5.76
1200 x 680 x 85
6.41
1230 x 730 x 85
7.66
1300 x 800 x 85
9.81
1380 x 880 x 85
14.61
1540 x 1000 x 85
20.44
1680 x 1010 x 85
26.01

4WAY PER 2

1140 x 1140 x 85
9.12
1180 x 1180 x 85
10.22
1220 x 1220 x 85
12.24
1300 x 1300 x 85
13.44
1380 x 1380 x 85
18.64
1530 x 1530 x 85
29.01
1680 x 1680 x 85
35.51

Product Weights

Cable Tray Weights and Volumes

Product

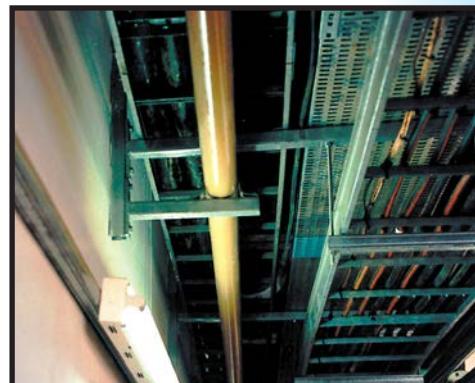
GS50
GS75

GS50 TRAYS HDG

	3M STRAIGHT <i>PER 2</i>	90 HOR <i>PER 2</i>	90 INT / EXT <i>PER 5</i>	TEE <i>PER 2</i>	4WAY <i>PER 2</i>
50 mm	3030 x 80 x 70	800 x 200 x 70	700 x 75 x 400	900 x 550 x 70	1000 x 1000 x 70
Mass EA	2.74	0.77	0.66	1.52	
100 mm	3030 x 130 x 70	850 x 250 x 70	700 x 125 x 400	950 x 600 x 70	1000 x 950 x 70
Mass EA	3.36	0.96	0.82	1.76	2.48
150 mm	3030 x 180 x 70	900 x 300 x 70	700 x 175 x 400	1000 x 650 x 70	1050 x 1000 x 70
Mass EA	4.14	1.15	1.02	2.06	2.51
200 mm	3030 x 230 x 70	950 x 400 x 70	700 x 225 x 400	1050 x 700 x 70	1100 x 1050 x 70
Mass EA	4.94	1.33	1.14	2.41	3.12
300 mm	3030 x 330 x 70	1000 x 500 x 70	700 x 325 x 400	1150 x 800 x 70	1200 x 1150 x 70
Mass EA	6.06	1.71	1.44	3.48	4.24
400 mm	3030 x 430 x 70	1250 x 600 x 70	700 x 425 x 400	1250 x 900 x 70	1300 x 1250 x 70
Mass EA	7.32	2.31	1.72	4.08	5.94
500 mm	3030 x 530 x 70	1400 x 700 x 70	700 x 525 x 400	1350 x 1000 x 70	1400 x 1350 x 70
Mass EA	8.44	2.72	2.22	5.36	6.42
600 mm	3030 x 630 x 70	1570 x 800 x 70	700 x 625 x 400	1450 x 1100 x 70	1500 x 1450 x 70
Mass EA	9.76	3.31	2.48	5.84	
SPLICE SET BOX OF 20	230 x 160 x 160 8.48				

GS75 TRAYS HDG

	3M STRAIGHT <i>PER 2</i>	90 HOR <i>PER 2</i>	90 INT / EXT <i>PER 5</i>	TEE <i>PER 2</i>	4WAY <i>PER 2</i>
100 mm	3030 x 140 x 100	850 x 250 x 100	750 x 130 x 600	950 x 600 x 100	1050 x 950 x 100
Mass EA	6.51	1.64	1.66	3.31	4.78
150 mm	3030 x 180 x 100	900 x 300 x 100	750 x 180 x 600	1000 x 650 x 100	1100 x 1000 x 100
Mass EA	7.81	1.98	2.01	3.81	5.26
200 mm	3030 x 240 x 100	950 x 400 x 100	750 x 230 x 600	1050 x 700 x 100	1150 x 1050 x 100
Mass EA	8.34	2.36	2.22	4.12	5.38
300 mm	3030 x 340 x 100	1000 x 500 x 100	750 x 330 x 600	1150 x 800 x 100	1250 x 1150 x 100
Mass EA	10.51	3.28	2.72	5.64	7.06
400 mm	3030 x 440 x 100	1250 x 600 x 100	750 x 430 x 600	1250 x 900 x 100	1350 x 1250 x 100
Mass EA	12.36	3.88	3.14	7.08	8.78
500 mm	3030 x 540 x 100	1400 x 700 x 100	750 x 530 x 600	1350 x 1000 x 100	1450 x 1350 x 100
Mass EA	14.68	4.74	3.72	8.82	10.76
600 mm	3030 x 640 x 100	1570 x 800 x 100	750 x 630 x 600	1450 x 1100 x 100	1550 x 1450 x 100
Mass EA	17.02	5.36	4.04	9.81	12.68
800 mm	3030 x 840 x 100	1750 x 1000 x 100	750 x 830 x 600	1550 x 1200 x 100	1650 x 1550 x 100
Mass EA	20.58	7.14	5.06	14.04	17.12
1000 mm	3030 x 1040 x 100	1950 x 1200 x 100	750 x 1030 x 600	1650 x 1300 x 100	1750 x 1650 x 100
Mass EA	27.14	9.78	5.96	18.22	
SPLICE SET BOX OF 20	230 x 160 x 160 8.48				



PRODUCT WEIGHTS

Product

Channel and Skirting

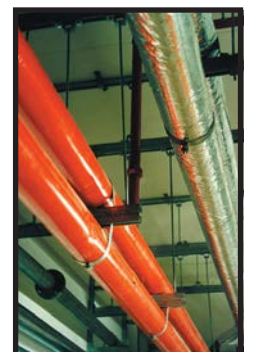
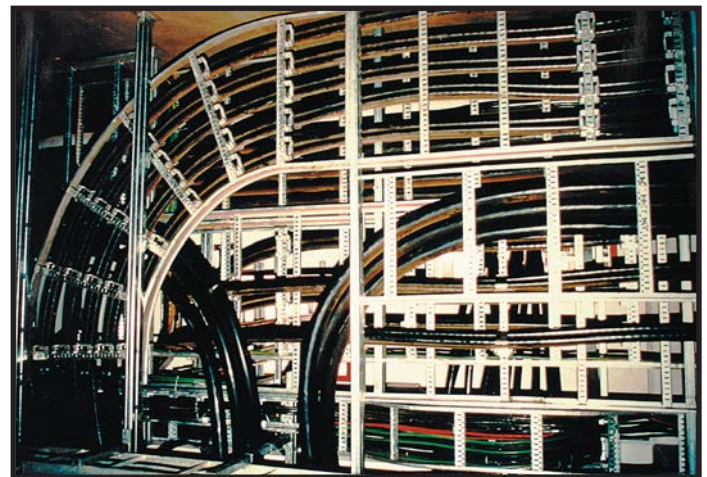
Weights and Volumes

OL Range
PM Range
MS Range



CHANNELS & SKIRTING

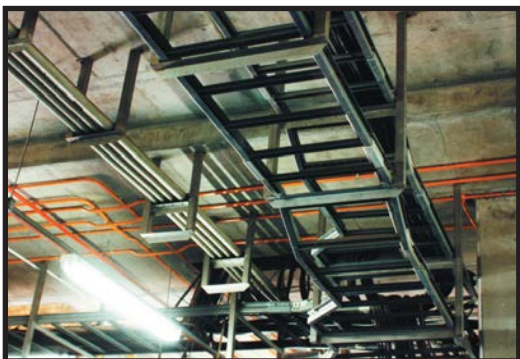
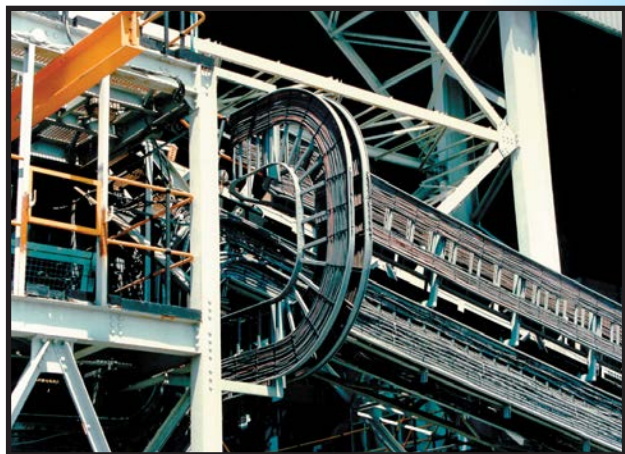
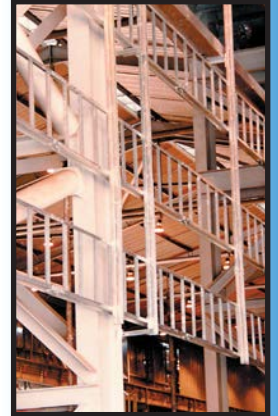
		LENGTH	THICKNESS	FINISH	EA
OL1000	6020 x 55 x 45	PER 2			
	6020 x 375 x 320	PER 98			
OL1000		6M	2.5	PG	16.73
OL1000		6M	2.5	HDG	16.90
OL1000		6M	2	SS	12.70
OL1001		6M	2.5	HDG	33.90
OL1000T/14		6M	2.5	HDG	15.50
OL2000		5M	1.6	PG	8.50
OL2000		5M	1.0	PG	5.90
OL3300	6020 x 50 x 25	PER 2			
	6020 x 365 x 175	PER 98			
OL3300		6M	2.5	PG	10.56
OL3300		6M	2.5	HDG	11.64
OL3300/14		6M	2.5	HDG	10.78
OL4000		5M	1.6	PG	6.20
PM1	3020 x 105 x 80	PER 2	3M & COVER		2.90
	3020 x 1010 x 415	PER 100			
PM2	2520 x 165 x 55	EA	2.5M & COVERS		4.38
	2520 x 1010 x 555				
MS1	2470 x 95 x 60	EA	2.438M & COVER		5.66
	2470 x 930 x 600	PER 100			
MS2	2470 x 165 x 60	EA	2.438M & COVERS		10.62
	2470 x 1030 x 600	PER 60			
MS3	2470 x 250 x 60	EA	2.438M & COVERS		16.26
	2407 x 1010 x 600	PER 40			
MS DIVIDER	2450 x 80 x 45	PER 20	2.438M		1.06



PRODUCT WEIGHTS

O-line

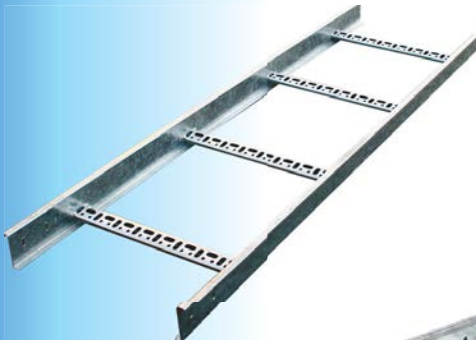
Gallery Projects



PROJECTS

O-line

Intellectual Property



O-line recognises the necessity for continuous improvement in every element of its business, to satisfy customer needs and maintain a technological edge via the products it designs and supplies.

O-line's innovative technology is protected by intellectual property rights such as patents and trademarks which preserve the company's ability to control the quality of its new and existing products and prevent cheap imitations which could damage both O-line's and its client's business.

O-line's patents and trademarks are referred to continually throughout this catalogue. Trademarks other than in catalogue drawings and tables, are indicated in italics, thus:- *Litespan*® *Powerspan*® *Powerpole*® etc.

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Whilst every possible care has been taken in compiling the information in this Catalogue, O-line will not be held responsible for errors or omissions contained herein.

INTELLECTUAL

Standard Conditions of Quotation, Contract and Sale



of O-line Support Systems (Pty) Ltd And Its Subsidiary Companies herein stated as O-line.

All merchandise sold and business invited in O-line quotations, tenders, catalogues and price lists is subject to the O-line Conditions of Quotation, Contract and Sale in force at that time. O-line reserves the right to modify and change designs.

I) Unless otherwise expressly agreed in writing by O-line any terms or conditions of a Purchaser which are in conflict with these conditions shall be deemed not to, and shall not, apply nor be part of the contract and O-line contracts only upon and subject to these conditions and none other

(II) WORKMANSHIP, DESIGN AND MATERIALS GUARANTEE

O-line may at its option repair or replace any goods or parts which become defective under normal use and condition and which are returned at the Purchaser's cost to the source from which the product originated within 30 days of delivery thereof to the Purchaser. The Purchaser shall have no claim or remedy against O-line or any other supplier or manufacturer of the goods in respect of any defects in the goods or parts thereof, furthermore O-line will not be liable for any consequential loss or other claim. No Director or servant or agent of O-line and no third party, has any authority from O-line to make or give any guarantee or warranty or to vary or add to these conditions, and any representation made or warranty given or term allegedly agreed to by any such person at any time forms no part of the contract and is hereby expressly excluded, unless the same is in writing and is signed by a Director of O-line and it is agreed that O-line is not responsible for any negligence or any negligent misstatement made by any person. No condition or warranty whether expressed or implied (whether by statute or otherwise) as to material, design or workmanship or fitness of the goods for any particular purpose is given, and any such condition or warranty which might otherwise be implied is hereby expressly excluded.

(III) INDEMNITY

O-line shall not be liable or responsible for any loss or damage whatsoever to person or property arising out of the use of goods purchased from O-line or directly or indirectly arising from the condition of such goods or any defect therein and the Purchaser hereby indemnifies O-line and holds it harmless against all and any claims which may at any time be made against O-line in respect of any such loss or damage.

(IV) ALTERATIONS AND IMPROVEMENTS

As alterations and improvements are continually being made by O-line and their suppliers to their various products and goods O-line reserves the right, without notice, to make any changes in materials, dimensions or design which O-line deems desirable.

(V) DELIVERY

O-line will execute orders as soon as possible, but delivery dates either quoted or agreed are not of the essence of the contract, nor can O-line guarantee them, and O-line is not responsible for any loss, expense or damage sustained by the Purchaser of any sort caused by any delay in delivery. The Purchaser must accept delivery of the goods when offered by O-line at the site specified in the delivery note. Whether goods ordered by the Purchaser are delivered to a specified site or whether goods are collected by the Purchaser at the premises of O-line or that of another supplier of O-line, all risks relating to the goods in question pass to the Purchaser upon delivery or handing over of the goods by O-line to the Purchaser, or the Purchaser's carrier, agent or employee, The Purchaser shall be responsible for offloading of the vehicle. Any additional costs or charges arising from delivery to any other site requested by the Purchaser shall be paid for by the Purchaser upon delivery of the goods to the site the Purchaser shall be deemed to be fully responsible for the goods and will immediately effect proper and adequate insurance. In the event of any loss or damage to the goods howsoever arising before the Purchaser has paid the full price thereof the Purchaser shall compensate O-line for such loss and/or damage. O-line will not consider any claim in respect of or be liable for any shortage or damage to the goods on delivery and/or damage to the goods in transit unless such shortage and/or damage is endorsed by the Purchaser on the delivery or consignment note relating to the goods in question and unless O-line is notified either verbally or in writing of any shortage or damage within three days of delivery and a detailed claim in writing is received by O-line within seven days of delivery, or in the event of non-delivery written notification is received by O-line within fourteen days of the date of despatch shown on the delivery note.

(VI) CUSTOMER INSPECTION OF GOODS DELIVERED

The Purchaser is responsible for checking that goods of the correct specification and/or description are delivered and while O-line will replace any incorrect goods delivered provided they are notified thereof within seven days of the original delivery date, O-line shall not be liable for any loss or damage howsoever caused from the use of such goods even if delivery arises from the negligence of O-line, their servants or agents.

(VII) CANCELLATION OF ORDERS

All orders for stock goods and goods the manufacture of which has not commenced may be cancelled subject to a cancellation fee determined solely by O-line. Cancellation of orders for non stock items and/or special goods may be considered at O-line's sole discretion subject to the following conditions: if the material is finished and ready for shipment the Purchaser shall be liable for the full contract price, or if any part thereof shall be in process, the Purchaser will pay a cancellation charge based upon the contract price and measured by the degree of completion of the goods on the date cancellation is received, such degree of completion being determined at the sole discretion of O-line.

(VIII) GOODS RETURNED FOR CREDIT

Goods which O-line regards as its standard stock and which have not been used by the Purchaser may, if O-line so agrees, be returned to O-line for credit but under no circumstances shall any goods be returnable after the expiration of three months from date of sale. Non stock items which are clearly indicated in the official O-line price list shall not be returnable. In the case of special orders, which are orders placed in respect of products other than those reflected on O-line's official price list (i.e. where special orders are required to be prepared by the manufacturer to suit the specific requirement of the Purchaser) the product sold shall not be returnable at all. All returnable goods are subject to O-line's quantity and quality approval prior to acceptance and must in all cases be accompanied by a copy of the original O-line invoice or delivery note. Dirty or soiled goods will under no circumstances be accepted. All goods returned will be subject to a handling fee as indicated on the official current O-line price list.

(IX) QUOTATIONS, PRICES, PAYMENT AND TERMS

O-line's prices are subject to alteration without notice, and orders are accepted and contracts are made only on condition that the prices charged or agreed are subject to variation in accordance with the appropriate price ruling at the date of the delivery note. This price ruling may be obtained by using either one of the following two methods, namely, the ruling prices in the current official O-line price list or by calculating the price variation on the originally quoted price in accordance with the relevant O-line Standard Contract Price Adjustment Formulae. In O-line quotations where unit prices of specified quantities of products are extended to arrive at a total supply price, the unit prices quoted shall take precedence over all else in case of errors and/or omissions. All prices quoted in the official price lists and/or quotations, tenders and the like, include only Value Added Tax at the prevailing rate at the time of issue, unless otherwise stated. The Purchaser's acceptance of any quotation will not form a binding contract between the parties hereto until such acceptance has been agreed in writing by O-line. On request, current prices will be quoted for O-line's various products, but any current price list shall not constitute an offer to sell goods. The prices reflected in O-line's official price list allow for delivery "Carriage of goods by such means of delivery as O-line considers most suitable, providing always that a reasonably hard road surface is available to the point of intended unloading. If such is not available, O-line's driver will specify the nearest available unloading point, which will then become the Delivery Site. All goods delivered by O-line as comprised in the order and any materials or equipment used in connection therewith shall remain the property of O-line and shall be deemed to remain the property and in the possession of O-line until payment of the full price has been made by the Purchaser and in the event of the Purchaser not making payment to O-line within seven days of the date on which any payment is due, O-line may remove all materials and equipment and the Purchaser shall, for the purpose of enabling O-line to exercise its rights hereunder, permit and give reasonable assistance to the workmen or agents of O-line to enter upon his premises for the purpose of effecting such dismantling and removal and such rights shall be without prejudice to the further right of O-line to recover the full amount due to O-line under any contract with the Purchaser in damages or otherwise. Until receipt of payment in full the Purchaser shall be deemed to be retaining any such goods as trustee for and on behalf of O-line and such fiduciary relationship shall continue whilst any money due to O-line under the said order remains outstanding. The acceptance by the Purchaser of this condition shall be fundamental to any contract. O-line reserves the right (until payment shall have been made in full) to place on any part or parts of goods or equipment supplied by them a plate or plaque stating that the ownership of goods is vested in O-line. O-line terms for payment are always that the due date for payment of any invoice shall be the date of such invoice. A Director of O-line may withdraw any previously approved credit facility, settlement discount offered, or extension of time indicated on O-line's statements, invoices or elsewhere by giving written notice to the Purchaser at his last known business address, and all invoiced amounts shall then become due and payable.

(X) FORCE MAJEURE

If O-line is prevented from carrying out its obligations hereunder by circumstances beyond its reasonable control, including, but without prejudice to the generality of the foregoing any form of Government intervention, strikes, lockouts, failure of sub-contractors to supply, shortage or interruption of supplies of materials, energy or power supplies, then O-line may cancel this contract and no liability shall by reason of such cancellation attach to either party subject always to the onus on the Purchaser to pay for all goods already delivered.

(XI) RELEVANT LAW / JURISDICTION / COSTS

These conditions of quotation, contract and sale shall be construed according to the laws of the Republic of South Africa, and the Purchaser hereby submits and consents to the jurisdiction of the Magistrate's Court in respect of all actions or other proceedings arising herefrom, notwithstanding that the amount claimed may exceed the jurisdiction of such Court. The Purchaser shall be liable to O-line for all expenses incurred in collecting any amount owing by the Purchaser, including all legal charges on the scale as between attorney and own client, collection charges, tracing fees, and interest levied by O-line at the prevailing prime overdraft rate charged by Standard Bank plus 5% per annum in respect of payments not made timeously.

O-Line Support Systems (Pty) Ltd

Johannesburg
Reg No 1982/000082/07
PO. Box 6457
Johannesburg 2000
14/16 Prop Street
Selby Ext. 11
Johannesburg 2001
South Africa
Tel: (+27) 011-378-3700
Fax: (+27) 011-493-0048
email: o-line@o-line.com

O-Line Support Systems Pretoria (Pty) Ltd

Reg No 1982/000082/07
PO.Box 2039
Silverton 0127
The Willows Business Park
219 Battery Street
Silverton
Tswane
Pretoria
South Africa
Tel: (+27) 012-803-1803
Fax: (+27) 012-803-1733
email: o-linepta(@o-line.com

O-Line Support Systems Kwazulu-Natal

Reg No 1982/000082/07
PO.Box 2534
New Germany 3620
111 Escom Road
New Germany 3610
South Africa
Tel: (+27) 031-705-6355
Fax: (+27) 031-705-6358
email: o-linekzn@o-line.com

O-Line Support Systems Cape Town (Pty) Ltd

Reg No 1985/000416/07
PO.Box 506
Eppindust 7475
Unit 2
6 Thor Circle
Viking Place
Thornton 7460
Tel: (+27) 021-531-9071
Fax: (+27) 021-531-8092
email: o-linecpt@o-line.com

O-Line Support Systems Port Elizabeth

Reg No 1985/000416/07
PO.Box 1352
Port Elizabeth 6000
189 Grahamstown Road
Dealparty
Port Elizabeth 6001
Tel: (+27) 041-486-3674
Fax: (+27) 041-486-3667
email: o-linepe@o-line.com

O-Line Support Systems Bloemfontein

Reg No 1982/000082/07
Cnr Naude Du Toit & Frikkie Van Kraayenburg Str.
New East-End
Bloemfontein
Tel: (+27) 051-432-0707
Fax: (+27) 051-432-0708
email: o-linebfm@o-line.com

O-Line Mocambique Limitada

Reg No. 2009/1001240/68
Rua Beliluana
Parcela 510
Djuba, Matola- Rio
Tel: (00) 258-217 30243
Fax: (00)258-217 30244
email: vascol@o-line.com

O-line
SUPPORT SYSTEMS (PTY)LTD
Setting the Standard
www.o-line.com

Distributed by:

GEK-Rapid 45 Power Skirting



Tee



RH or LH End Cap



Internal
Elbow



External
Elbow



Joiner Clip Set



Joiner Clips during installation



Joiner Clips after installation

O-line

Multiskirt®



MS1

Most Standard 4 x 2 Switching Accessories are available

Standard Switching Accessories

LENGTH (mm)	2438
BODY THICKNESS	0.8
COVER THICKNESS (mm)	0.6
FINISH	Powder Coated
Loose divider available on request	



Blank Cover



20A Double Pole Isolator Cover



Clipsal S2000 16A SSO Cover



Clipsal S2000 2MOD Cover



20A DPI and Cord Grip Cover



Crabtree 16A SSO Cover



RJ11 / RJ45 Cover



2x RJ11 / RJ45 Cover



Crabtree 13A SSO Cover



50 x 50 Aperture Cover



60A Triple Pole / 30A Double Pole Isolator Cover



Crabtree Diamond 16A SSO Range Cover

Colour Range



Hospital Grey
VEP7010



Motorcraft Grey
CEP1013



Carrier Beige
VEP6002



Light Hammertone Grey
VEP7306



Appliance White
VEP1002

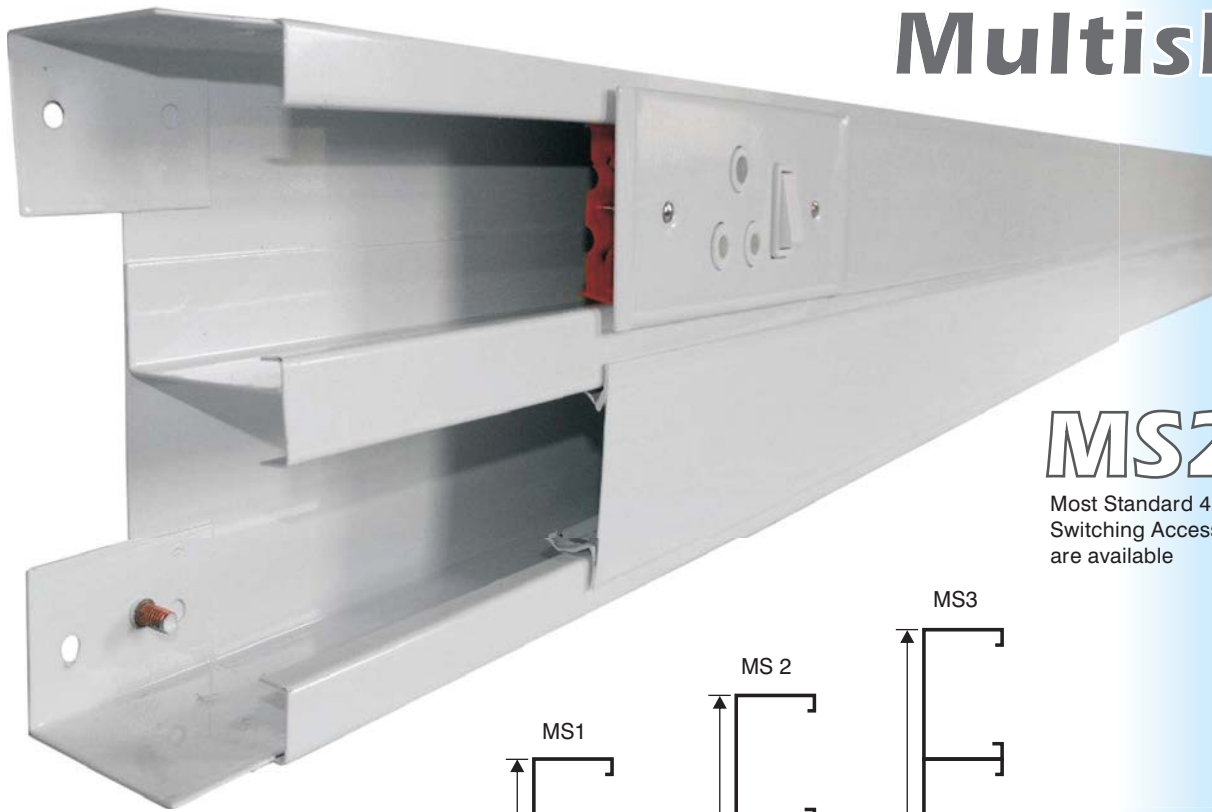


Easter Oak
VEP6072

NOTE: Printed colours may vary to actual powder coated colours

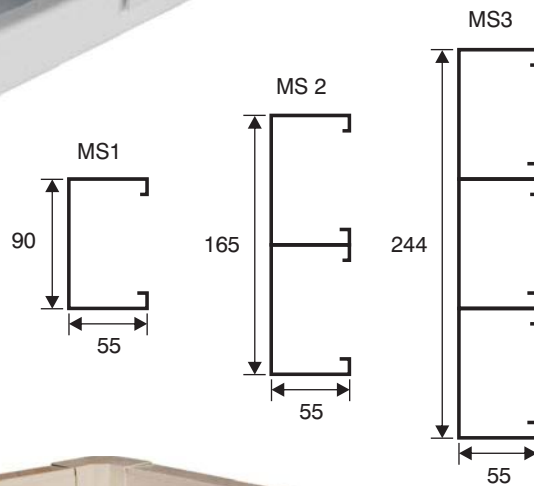
O-line

Multiskirt®



MS2

Most Standard 4 x 2
Switching Accessories
are available



MS3



Standard Accessories



External Elbow



End Cap



Vertical Elbow



Internal Elbow / Tee



Vertical Tee



POWER SKIRTING

O-line

Premierskirt®



PM1



PM2

Standard Accessories



PM Loose Divider available on request

PRODUCT	PM1	PM2
BODY LENGTH (mm)	3000	2500
DIVIDER LENGTH (mm)	2500	2500
HEIGHT (mm)	100	165
WIDTH (mm)	40	55
FINISH	PVC	PVC
STANDARD COLOURS	WHITE / GREY / BLACK	



PM Joiner Clip



Internal / External Elbow



Vertical Elbow



Vertical Tee



End Cap

Standard Switching Accessories Cover Plates

All coverplates come complete with cradle and screws



PM Cradle

Most Standard 4 x 2 Switching Accessories are available



Clipsal 16A SSO Cover



50 x 50 Data Cover



Crabtree Diamond 3 MOD Cover



1 x RJ11 / RJ45 Cover



Clipsal 2 MOD Cover

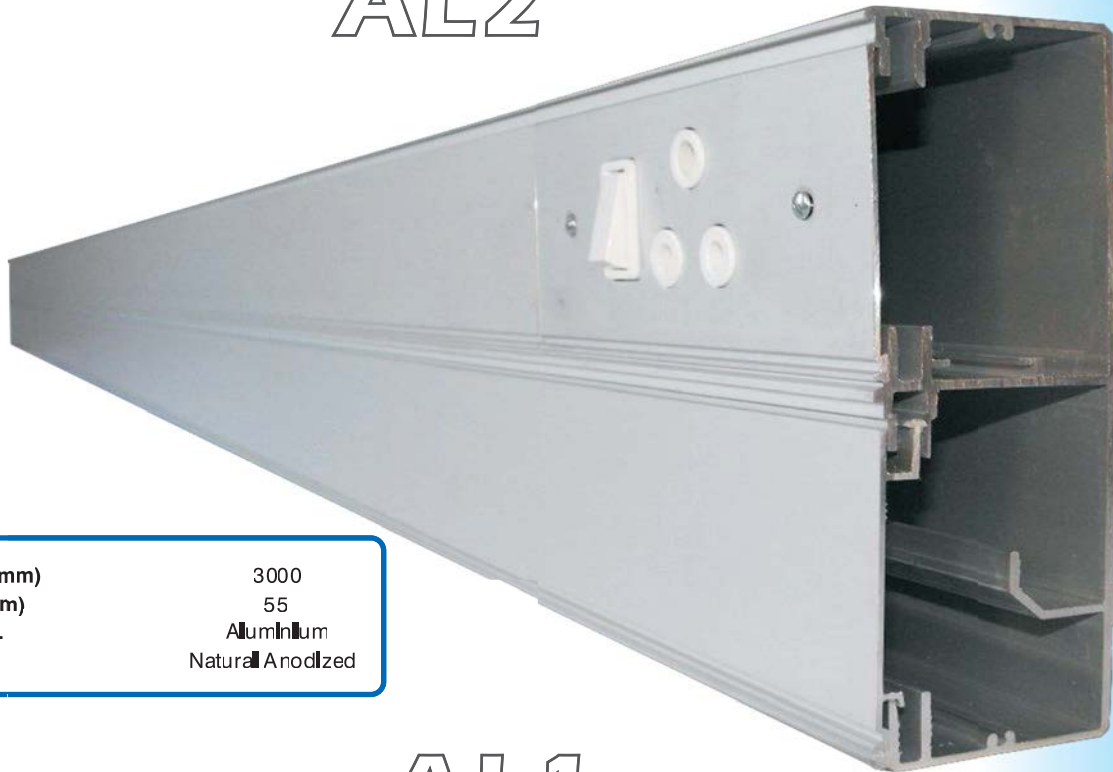
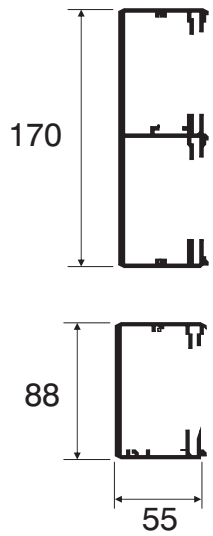


2 x RJ11 / RJ45 Cover

O-line

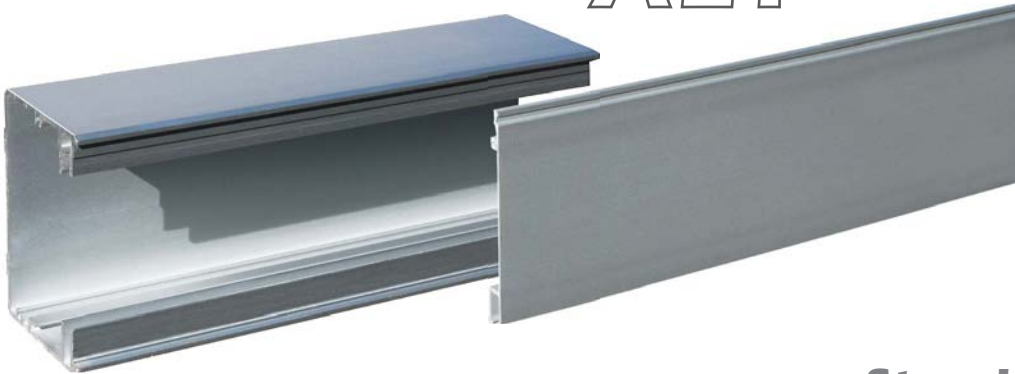
Aluskirt®

AL2



LENGTH (mm)	3000
WIDTH (mm)	55
MATERIAL	Aluminium
FINISH	Natural Anodized

AL1



AL2 also available with extruded Divider on request

Aluskirt® Splice Set comprises
1 x Splice, 2 x M4 x 12mm Cheese
Head Screws and 2 x Dowel Pins.

Most Standard 4 x 2
Switching Accessories
are available

Standard Accessories



External Elbow



Internal Elbow

POWER SKIRTING

O-line

Supermarket Trunking

Supermarket Trunking is specifically designed for use in the supermarket retail industry in their butchery/bakery and deli departments.

Supermarket Trunking comes pre-punched with 6 x Crabtree 16a sso, 4 x isolator and 4 X 32A 5 pin panel socket knockouts per 3 metre length.

Supermarket Powerpost comes pre-punched with 6 x isolator knockouts per 3.5 metre length.

Standard Colour: Powder coated Luminaire white



Hanger Bracket complete



Loose Splice



End Cap complete

Horizontal Bend complete



Powerpost 1m extension complete



Powerpost Ceiling Flange loose (optional)



Internal Bend complete



Powerpost 3.5m complete

PRODUCT	TRUNKING	POWER POST
BODY LENGTH (mm)	3000	
POWER POST HEIGHT (mm)		3500
HEIGHT (mm)	100	150
WIDTH (mm)	100	155
FINISH	EG	EG
STANDARD COLOUR	LUMINAIRE WHITE	

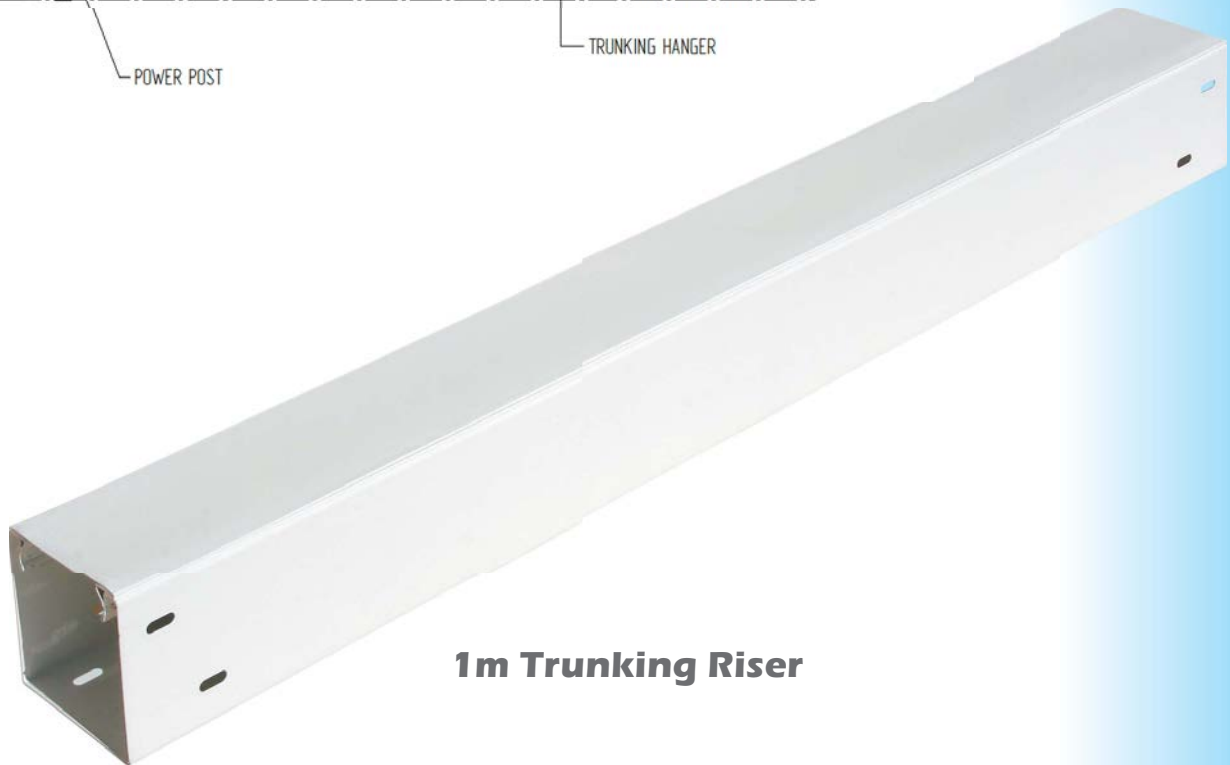
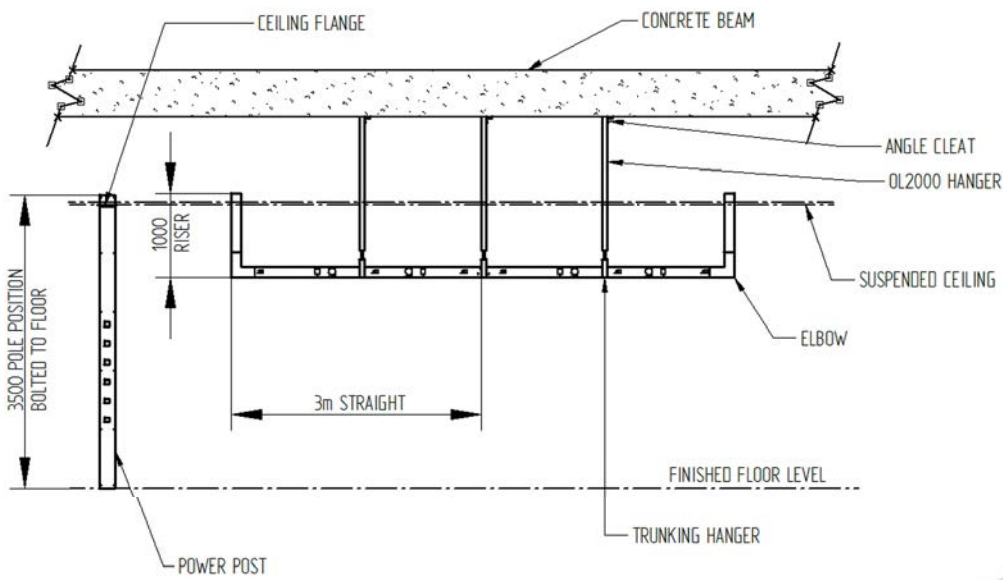
SUPERMARKET TRUNKING

O-line

Supermarket Trunking



3m Trunking complete



1m Trunking Riser

SUPERMARKET TRUNKING

PowerPole

SA Patent No: 84/2966 89/7759 94/08810

Standard Switching Accessories and Boxes



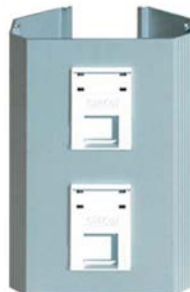
Crabtree 16A SSO Box



Crabtree Diamond Range 16A SSO Box



RJ11/RJ45 Box



2x RJ11/RJ45 Box



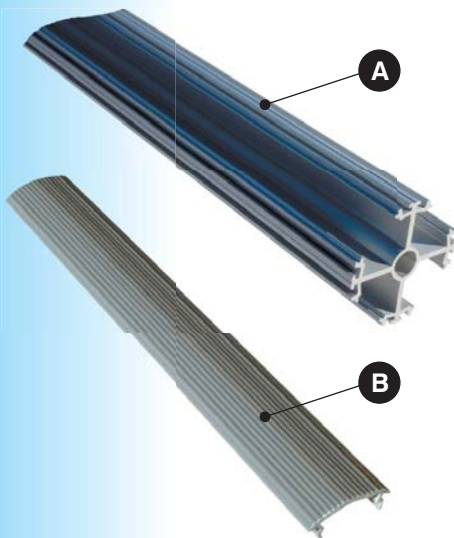
50 x 50 Aperture Box



Blank Box

Most standard 4x2 switching accessories are available

LENGTH (mm)	3000, 3500 or 4000
FINISH OF CORE AND SERVICE OUTLET BOXES	Natural Anodized Aluminium
FINISH OF COVER	Grey PVC
FINISH OF CEILING FLANGE, FLOOR LOCATION PAD AND SERVICE OUTLET COVER KIT	Grey ABS



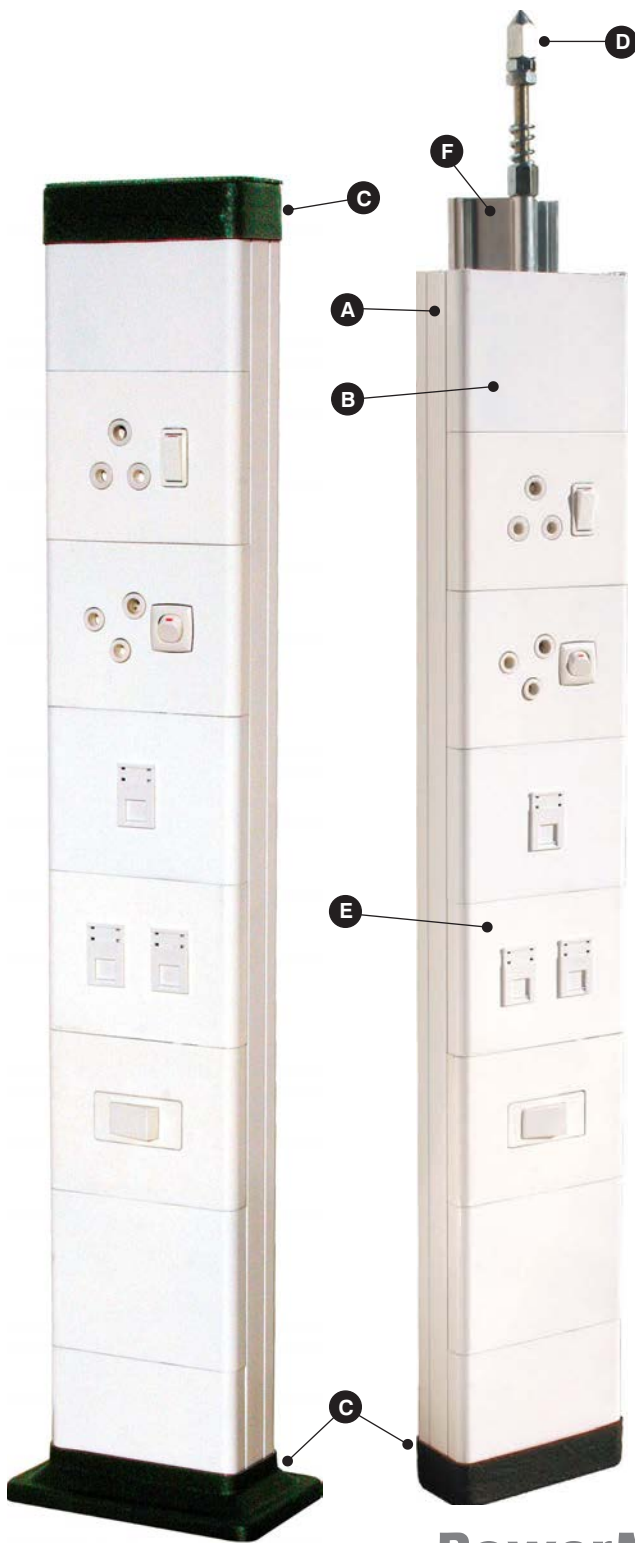
LEGEND

- A - Core: Natural Anodized Aluminium (ø57mm)
- B - Cover: PVC
- C - Ceiling Flange c/w Clips
- D - Floor Location Pad
- E - Jack Assembly
- F - Service Outlet Box (various)
- G - Service Outlet Cover Kit
- H - Service Outlet Box Divider



O-line

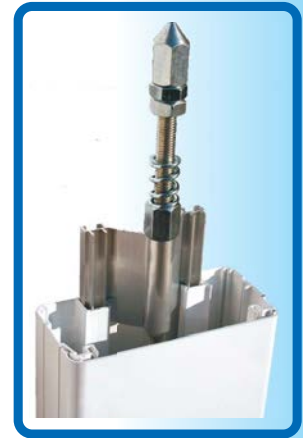
Powermast[®] Midimast[®]



LEGEND

- A - Body: Aluminium EPC (131 x 60mm)
- B - Cover: Aluminium EPC
- C - Location Pad
- D - Jack Assembly
- E - Service Outlet Cover (various types)
- F - Telescopic Extension

PRODUCT RANGE	Midimast [™]	Powermast [®]
STANDARD LENGTH (mm)	800	3000
WIDTH x DEPTH (mm)	131 x 60	
MATERIAL	Aluminium	
FINISH	Powder Coated Gloss Luminaire White only	



MidiMast[®]

PowerMast[®]

SA Patent No: 94/08810

Cottage Pedestals



FFD3



FFD2

Most standard 4 x 2
Outlets are available.

**WORK STATION
SERVICE OUTLETS**

Standard Switching Accessories



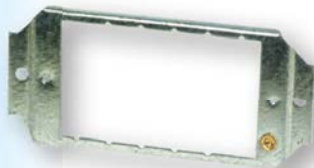
B 16A SO



B 13A SO



B 16A Dedicated SO



B Diamond Range
3 Module 4 x 2 Yoke



Single
Oliclip



OBO Modular 45
RJ 11/45



E Dedicated
16A Socket



E Normal
16A Socket



E 10A Schuko



A RJ11 / RJ45

- A** Data / Telephone Outlet
- B** Crabtree Diamond Range
- C** Clipsal S2000 Range
- D** Crabtree Range
- E** LeGrand



B Blank



B Dedicated
Switch



B Tel. Point



B Normal
Switch



B Data Point



B 2 Pin SO



C 16A SSO



C 16A Dedicated SSO



D 16A SSO (6896)



D 16A Dedicated SSO (6896D)



D 16A SSO (6896H)



D 16A Dedicated SSO (6896HD)



D 20A DPI and Cordgrip



D 13A SSO



D 20 A DPI

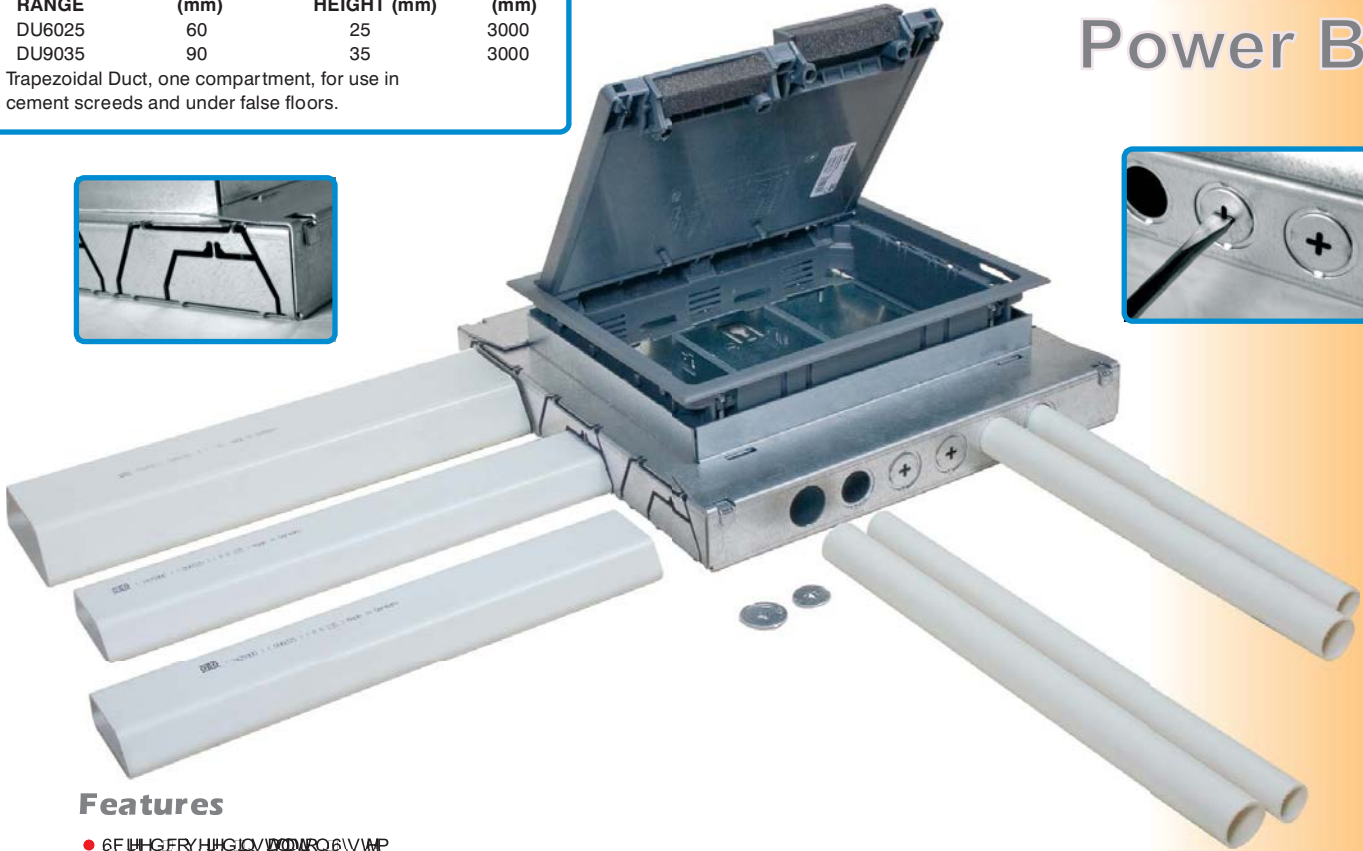


C 2 MOD

UDS Underfloor Power Box

PRODUCT RANGE	WIDTH (mm)	DUCT HEIGHT (mm)	LENGTH (mm)
DU6025	60	25	3000
DU9035	90	3000	

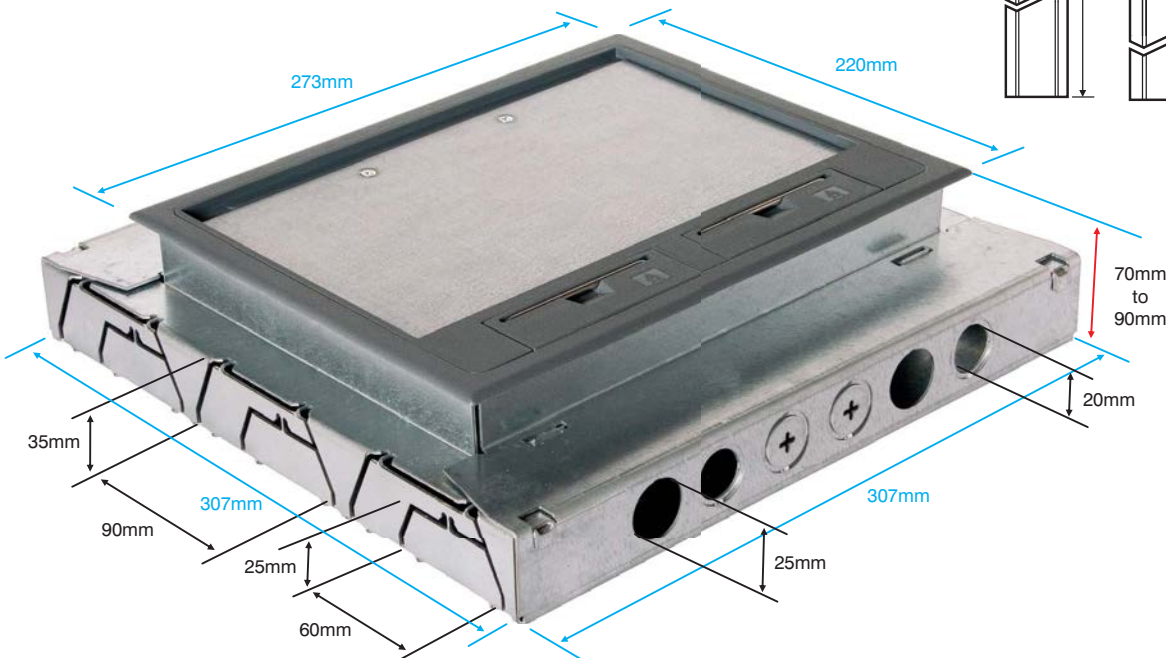
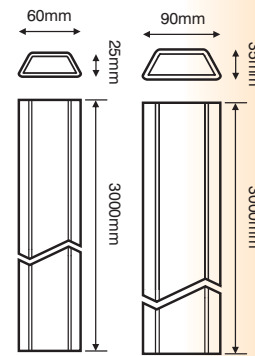
Trapezoidal Duct, one compartment, for use in cement screeds and under false floors.



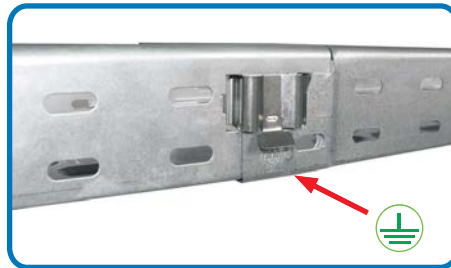
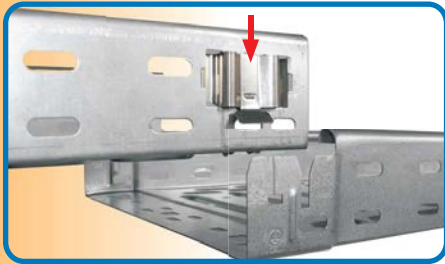
Features

- 6F UHGFRY/HGDIQ/VDWRQ6/VWP
- 7KH P DQIHDMUHR/VLIV/VVWP /LV DQXGQXG/HUBRUER /P DQIDFWUHGIRP /V KH HW/VHDG D/VKH/H/SURMFRVQFRY/HUR /UHG SROX UHMDCH /7KH V/FHG SURMFRVQFRY/HUVXSQHGZ/LK/VKH/IGRUER /P DQDQ/Q/DQIQ/VDWRQ/RSHQJ /IRUV/HYE/HXQV/XLQJ /VFUHGZRUN □
- 7KH3RZ/HUR/ /LV KHJ/KWGX/VDEQ/IRUD/VF/HGKH/JKVR □□ P P □□ P P
- 7KH V/FHGQ/HUZ/RUNVTXFNHZ/LKRWKYDQ /V VPR/K/VH/VF/HG/HV/DURXG/VH/ER □□ 7KH UHGFRY/HUVEXWY/HCZ/LK/VH/VF/HG/DI/MUF/XLQJ □
- ,Q/VDWRQ/V P H/LVFRQV/GH/DEQ/UHGXFHG □
- 7KH3RZ/HUR/ /FDMV/IRUP/DQ/DQGVHFRQGU/ SRZ/HU6/HFRQGU/ SRZ/HUE/ /P HDQV/R □□ P P /RU □ P P /V/DGDU/GFRQGX/VDGGP/DQ/SRZ/HUE/ /P HDQV/R /WSDH/R/GDQ89 & GXFV □□ P P /ZLGM □□□ P P /KHJ/KVRU □□ P P /ZLGM/E □□ P P /KHJ/KW/VK/RQ □
- 7KH/RSHQJ/V/IRUMH/GXFWDQGFQGX/VDUH/SUH/SXCFKHG /TRUHP/RY/HVMH/NQFNRXWRU □□ P P /FQGX/V/V P SQ/LQ/HVV/V/DGDU/GV/VFHZ/GUY/HULQ/R/VH/VB/DGCP/RY/HMV/B/V/DGGS/WKW) /RU □ P P /FQGX/VQ/HUV/VFHZ/GUY/HULQ/R/VH/VB/DGCP/RY/HMV/B/V/DGGS/WKW
-) /RUGX/VQ/LQ/VDWRQ/VXVH/VG/HF/VXUV/FX/VH/I/LLQ/V/VIS/DQGVH/QUP/RY/HVH □□ NQFNRXWRU/MH/VJH/UHTXUHG □

PVC Underfloor Ducting



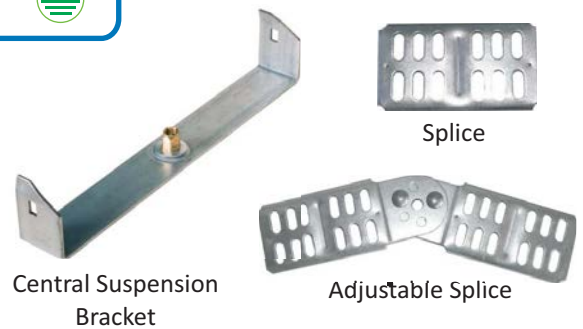
RKS-Magic[®] Cable Tray



ACCESSORIES

Time saving installation.

The RKS-Magic Cable Tray System with a snap-by-hand design. Innovative screw-less design allows for rapid installation. Standard finish is Z 275 Pre-Galvanized Mild Steel. Stainless steel clip can be removed if painted trays are required. Disassembly is done by inserting a flat screw driver under the clip tad and sliding the trays apart.



Central Suspension Bracket

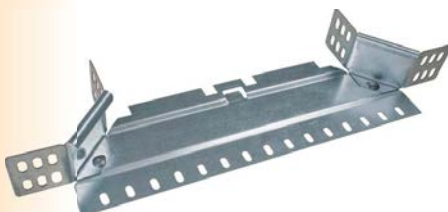
Splice

Adjustable Splice

Tray Information			
	Standard length	3050mm	
Tray	RKSM610FS	RKSM620FS	RKSM630FS
Width (mm)	100	200	300
Side Rail			
Height (mm)	60	60	60
Material			
Thickness (mm)	0.75	0.75	0.75



90° Horizontal Bend



Add-on Tee for horizontal and vertical use



Adjustable Internal External Bend



Cable Edge Protector

Return Flange Cable Tray

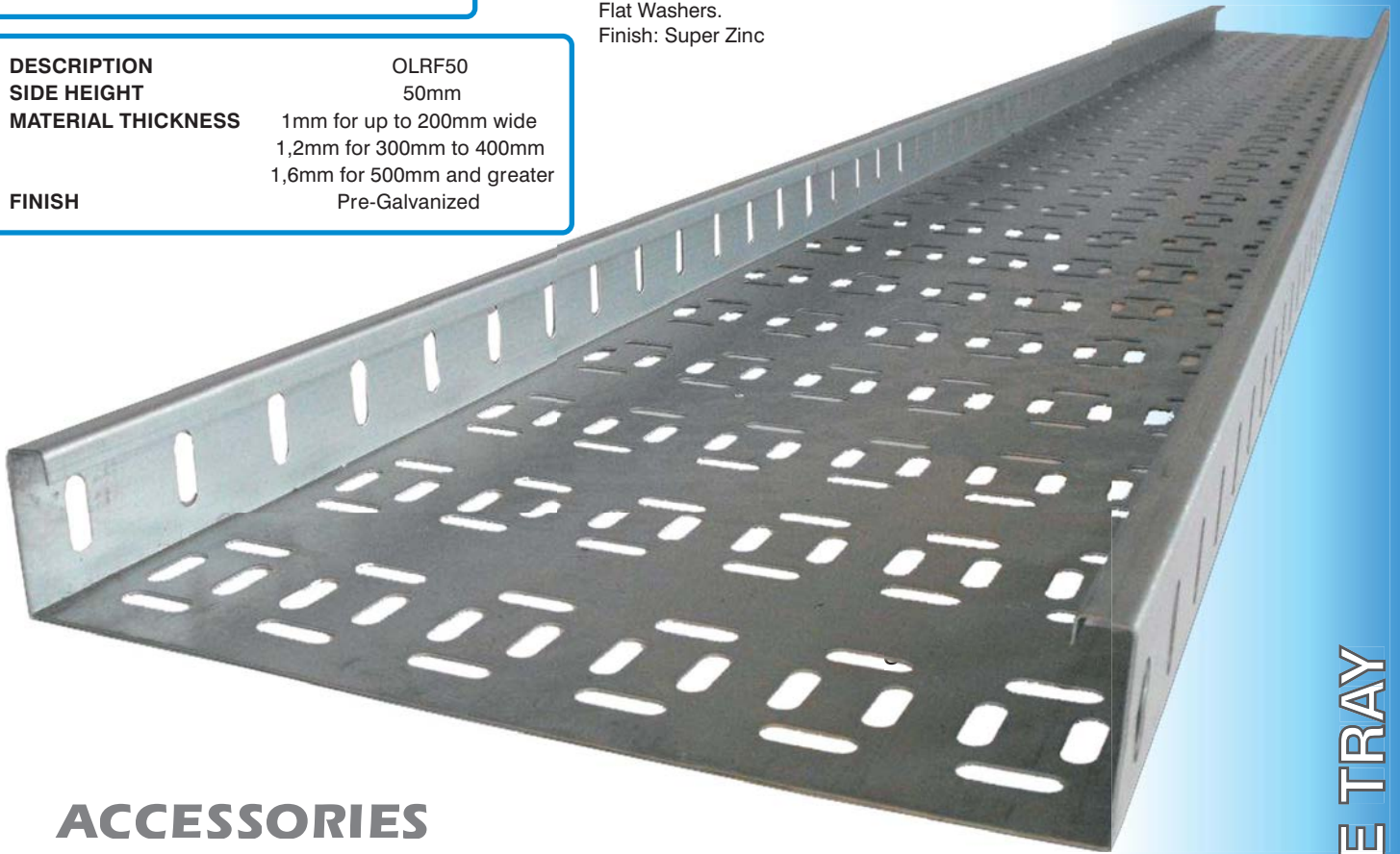
LENGTH (mm)	3000
SLOT SIZE	Ø 8.5 x 25mm
STANDARD FINISH	Pre-galvanized
FINISH OF FASTENERS	Mega Zinc
MINIMUM ACCESSORY RADIUS	170mm
WIDTH (mm)	100 150 200 300 400

DESCRIPTION	OLRF50
SIDE HEIGHT	50mm
MATERIAL THICKNESS	1mm for up to 200mm wide 1,2mm for 300mm to 400mm 1,6mm for 500mm and greater
FINISH	Pre-Galvanized

Pre-Galvanized Finish
Hot-dip Galvanized
Finish available on request

Return Flange Splice Sets
consist of 2 x Channel Splices,
8 x M8 x 16 Hex Set Screws,
8 x M8 Nuts and 16 x M8
Flat Washers.
Finish: Super Zinc

OLRF50



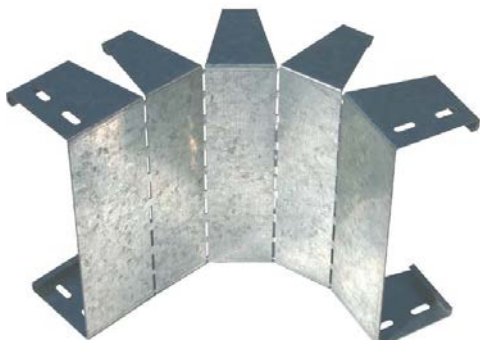
ACCESSORIES



Internal Bend



Horizontal Bend



External Bend



Tee

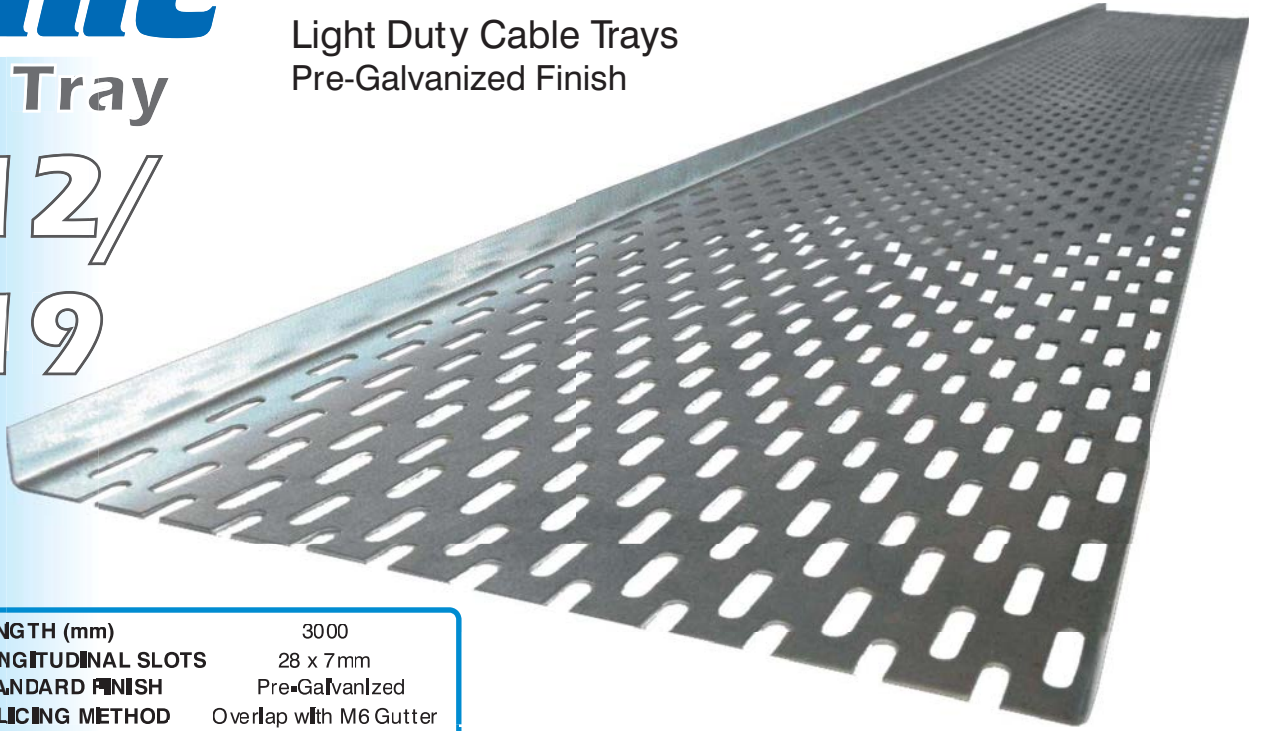
RETURN FLANGE CABLE TRAY

O-line

Cable Tray

PT12/ PT19

Light Duty Cable Trays
Pre-Galvanized Finish



LENGTH (mm)	3000
LONGITUDINAL SLOTS	28 x 7mm
STANDARD FINISH	Pre-Galvanized
SPLICING METHOD	Overlap with M6 Gutter Bolts and Square Nuts
FINISH OF FASTENERS	Electro-Galvanized

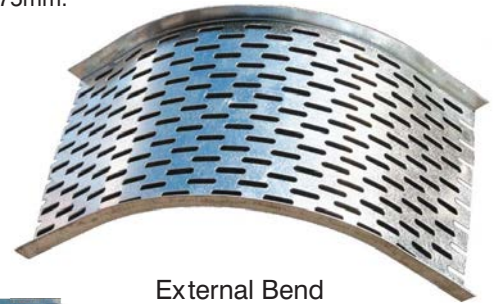
Number of gutter bolts & square nuts required per joint	WIDTH (mm)	50	76	101	152	203	228	304
	HEIGHT (mm)	12	12	19	19	19	19	19
		2	2	2	3	3	3	3

Accessories

Accessory Radius: Minimum 75mm.



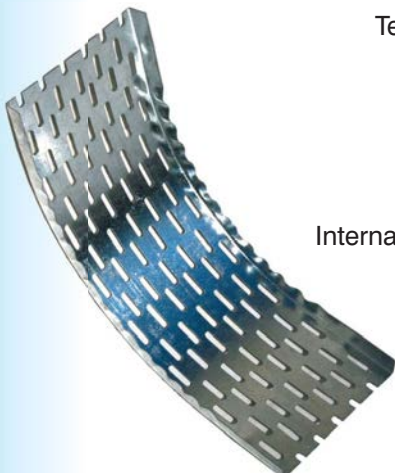
Horizontal Bend



External Bend



Tee



Internal Bend



4Way
*Made to order

CABLE TRAY PT 12 & P T19

O-line

Cable Tray

PT38/ PT76

Medium & Heavy Duty
Cable Trays
Hot-dip Galvanized Finish



PT38 and PT76 Splice sets comprise 2 x Angle Splices, 8 x M10 Dome Head Slotted Bolts, Hex Nuts and Flat Washers per joint.

Center Splice sets comprise using 4 x M10 Dome Head Slotted Bolts, Hex Nuts and Flat Washers required with 457mm and 609mm wide trays.

Accessories radius standard 450mm, 650mm and 1000mm available on request.

PRODUCT RANGE	PT38	PT76
LENGTH (mm)		3000
HEIGHT (mm)	38	76
LATERAL SLOTS	25 x 11 mm	
STANDARD FINISH	Hot-dip Galvanized	
FINISH OF FASTENERS	Mega Zinc	

WIDTH (mm)	76	114	152	228	304	457	609
MATERIAL	PT38 and PT76					PT76	
THICKNESS (mm)							
PT 38	1.6	1.6	1.6	2.0	2.0		
PT 76	1.6	1.6	1.6	2.0	2.0	2.0	2.0

Accessories

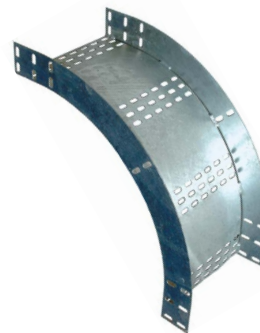
Accessory Radius: Minimum 450mm.



Full range of covers available



Internal Bend



External Bend



4Way
*Made to order



Tee

Splice Detail



Center Splice



PT38 Angle Splice



PT76 Angle Splice



Reduction Splice

CABLE TRAY PT 38 & PT 76

Cable Trays



Gridspan® GS50 Wire Mesh

GRIDSPAN comprises two ranges of wire mesh type, medium and heavy duty cable trays.

GRIDSPAN provides maximum cable ventilation, limits dust build-up and is easily cut to size on site for non-standard shapes, increasing the product's versatility and usefulness.

GRIDSPAN is used in horizontally or edge mounted applications over spans of between 1,8m for GS50 and 2,5m for GS75 at design working load.

GRIDSPAN is manufactured using a resistance butt welding and press braking technique in 3,0m lengths using 4,0mm and 5,0mm diameter wires for GS50 and GS75 respectively.

GRIDSPAN has 50mm x 50mm and 50mm x 25mm wire spacings in the base and flange of the trays respectively, promoting comprehensive cable tying methods and allowing simple cable take offs through the flanges or base of the product with the minimum of site alterations.

GRIDSPAN splice sets comprise 3, 4 or 5 splice clamp sets for tray widths 100-200mm, 300-500mm or 600 -1000mm respectively (spaced to suit the tray width), bolted singularly using one M6 bolt, hex nut and flat washer per splice clamp set.

GRIDSPAN fixes to the cable tray support by means of a hold down bracket, Hex Set screw and Spring Nut.

GRIDSPAN has a comprehensive range of accessories manufactured in 450mm internal radius.

LENGTH (mm)	3000
HEIGHT (mm)	50
BASE APERTURE	50 X 75mm
SIDE APERTURE	25 X 50mm
STANDARD FINISH	Hot-dip Galvanized
WIRE Ø	4mm
FINISH OF FASTENERS	Super Zinc

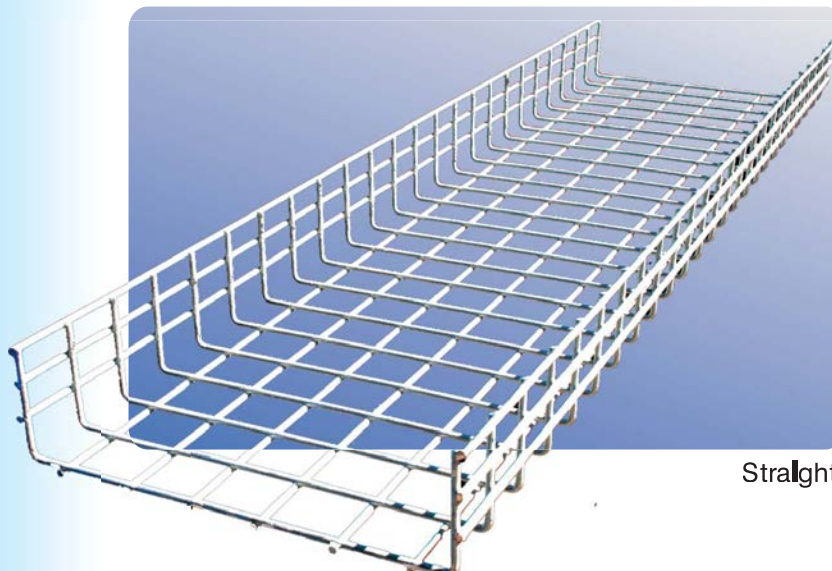
WIDTH (mm)	50	100	150	200	300	400	500	600
Number of Splice Clamps required per joint	3	3	3	3	3	4	4	4

Gridspan® GS75 Wire Mesh

LENGTH (mm)	3000
HEIGHT (mm)	75
BASE APERTURE	50 X 50mm
SIDE APERTURE	25 X 50mm
STANDARD FINISH	Hot-dip Galvanized
WIRE Ø	5mm
FINISH OF FASTENERS	Super Zinc

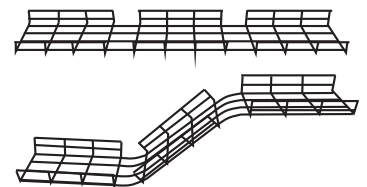
WIDTH (mm)	100	150	200	300	400	500	600	800	1000
Number of Splice Clamps required per joint	3	3	3	3	4	4	4	5	5

CABLE TRAYS

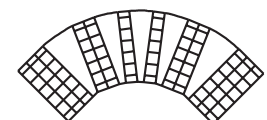


Straight

Flexibility



Internal / External Bend



Horizontal Bend

Gridspan® Wire Mesh

Accessory Radius:
Minimum 450mm.

O-line

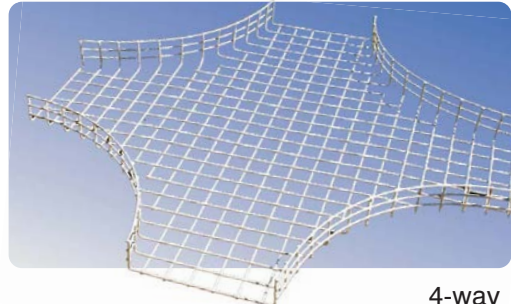
Accessories



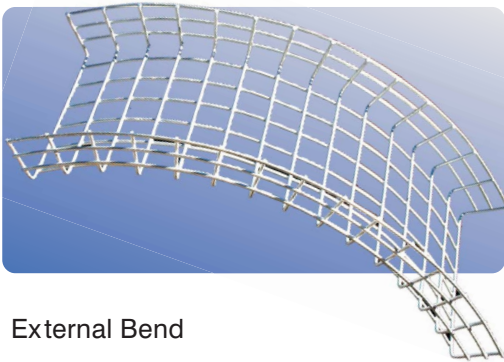
Horizontal Bend



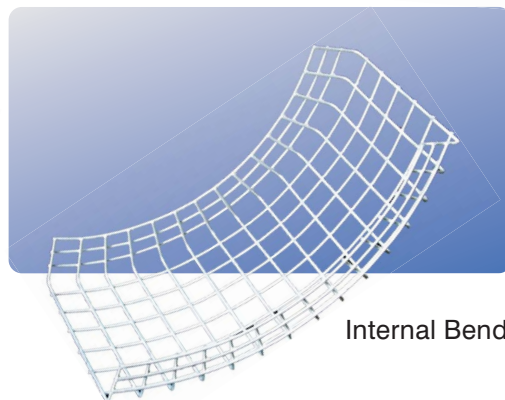
Tee



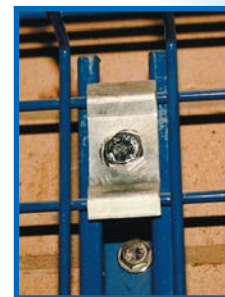
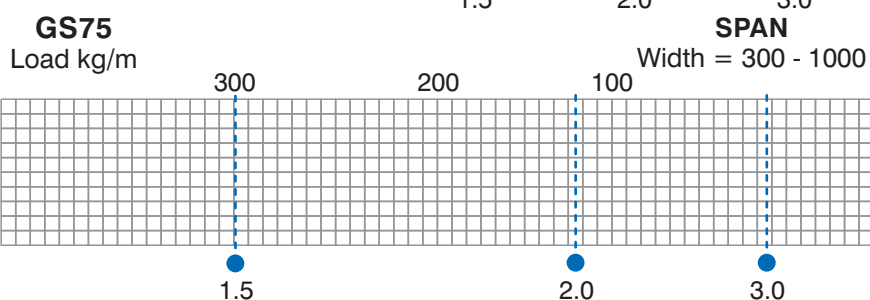
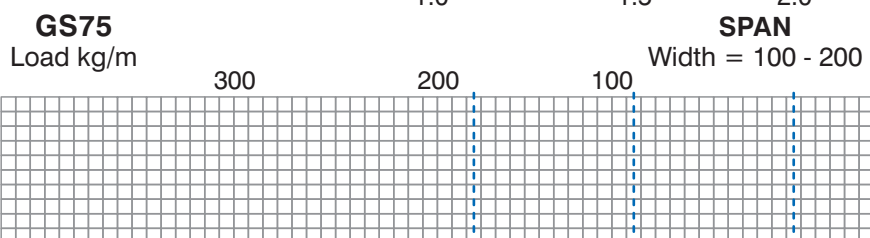
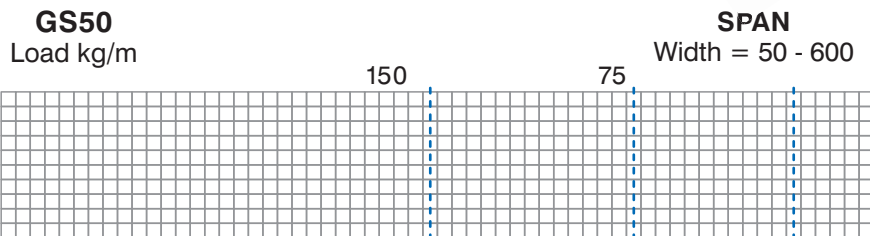
4-way



External Bend



Internal Bend



Hold Down Bracket
Hole Ø 6mm, 8mm and 12mm



Splice Clamp, Washer, M6 x 16
Cup Square Bolt and Nut.

Test results per individual lengths can vary due to manufacturing tolerances. The loading data is for guidance only and are typical. No guarantee can be offered that the installed product will match the loading information exactly. Deflection of span over 200 is used as a standard on all cable carrying products.

CABLE TRAYS

Wiring Channels

And Trunking

OL8300 channels with 3 pin 5 amp aperture configuration alternatively staggered at 1000mm centers in the sides of the wiring channel (6 per channel) are supplied ex-stock.

OL2200 channels with 20mm diameter knockouts at 152mm centers both sides, are supplied ex-stock.

Apertures for an extensive range of service outlets are punched in the sides or covers of single service wiring channels. Aperture centers can be specified.

Olistrut®

OL1000

Pre-Galvanized Finish



OL2000

Pre-Galvanized Finish



OL3300

Pre-Galvanized Finish



OL4000

Pre-Galvanized Finish



Olistrut® Covers

OL1184PG



OL1184PVC

Grey / White



WIRING CHANNELS

PRODUCT RANGE	OL1000	OL2000	OL3300	OL4000	OL1184	OL2200	OL2184
WIDTH (mm)	41.3	41.3	41.3	41.3	-	50.8	-
HEIGHT (mm)	41.3	41.3	20.6	20.6	-	50.8	-
LENGTH (mm)	6000	5000	5000	5000	3000/2500	3000	3000
THICKNESS (mm)	2.5	1.0/1.6	2.5	1.6	0.5	0.8	0.8
STANDARD FINISHES	PG or HDG	PG	PG or HDG	PG	PG or PVC	PG	PG

Channels and Covers

Channels

Wiring Channels

And Trunking

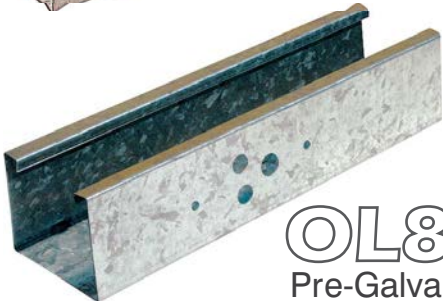
OL2200

Pre-Galvanized Finish



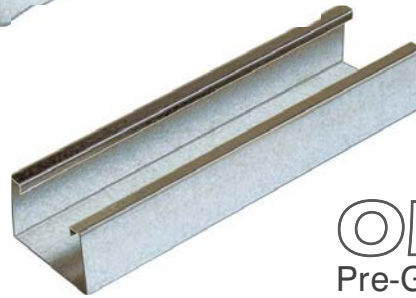
OL8000

Pre-Galvanized Finish



OL8300

Pre-Galvanized Finish
Standard: 6x knockouts



OL8200

Pre-Galvanized Finish



OL9000

Pre-Galvanized Finish

Covers

OL9184PG

Pre-Galvanized Finish



OL2184



OL9184PVC

Grey / White

DESCRIPTION	OL9000	OL9184	OL8000	OL8200	OL8300	OL8184
WIDTH (mm)	127	-	76.2	76.2	76.2	-
HEIGHT (mm)	76.2	-	76.2	50.8	63.5	-
LENGTH (mm)	3000	3000	3000	3000	3000	3000
THICKNESS (mm)	0.8	0.6	0.8	0.8	0.8	0.6
STANDARD FINISHES	PG	PG or PVC	PG	PG	PG	PG or PVC

Wiring Channels

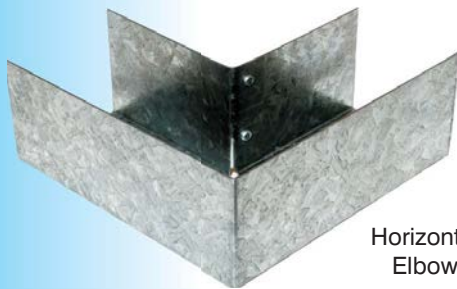
And Trunking

WCA

Standard Accessories
Pre-Galvanized Finish

OL1000/2000/3300/4000/
9000/8000/8300/8200/2200

Available for all channels



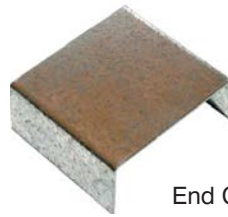
Horizontal Elbow



Internal Splice



External Elbow



End Cap



Internal Elbow



4 Way



Tee

CHANNEL SUPPORT SYSTEMS

Flange Hanger
Electro-Galvanized
Finish

OLFHO1/10
OLFHO1/12



Purlin Hanger
Pre-Galvanized Finish

OLPH01/10
OLPH01/12



Swivel Hanger
Electro-Galvanized
Finish

OLSH01/12



Wiring Channels

And Trunking

Only available for OL9000/OL8000/
OL8300/OL8200

WCA

**Radiused
Accessories**

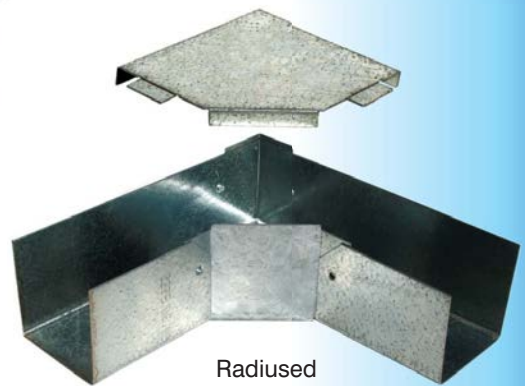
Pre-Galvanized Finish



Distribution
Outlet



Radiused
External
Elbow



Radiused
Horizontal
Elbow



Radiused
Internal
Elbow



Radiused Tee

CHANNEL SUPPORT SYSTEMS



20mm Brass
Fluorescent Adaptor



20mm Fluorescent
Nylon Adaptor

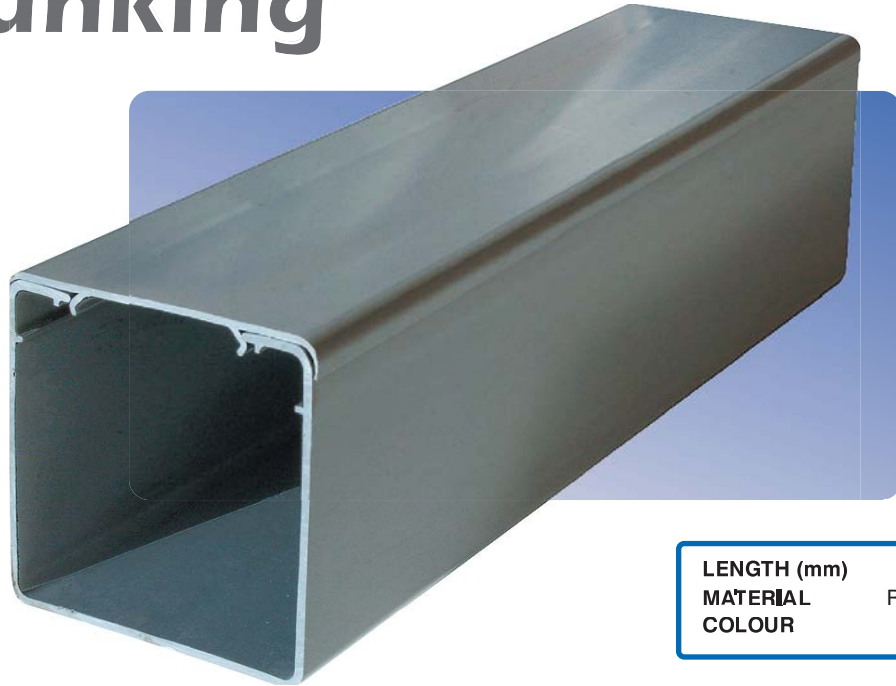


Channel
Hanger

PRODUCT RANGE	CHANNEL HANGER OL2335	OL2200	OL8335	OL9335
SUITABLE FOR USE WITH	OL1000, OL2000 OL3300, OL4000	OL2200	OL8000 SERIES	OL9000
HOLE SIZE	11 mm			
FINISH	All Pre-Galvanized			

PVC Trunking

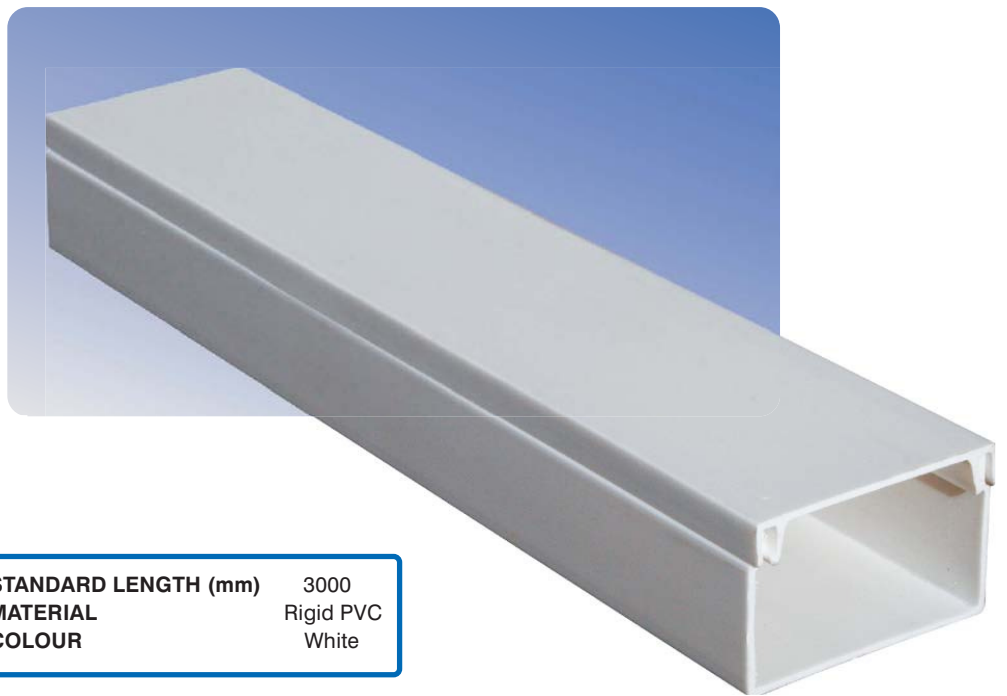
Industrial CLT Range



LENGTH (mm)	3000
MATERIAL	Rigid PVC
COLOUR	Grey

PART NUMBER	CLT/1	CLT/2	CLT/3	CLT/4	CLT/5	CLT/6
WIDTH (mm) A	50	75	75	100	100	100
HEIGHT (mm) B	50	50	75	50	75	100

Compact Miniature PVC Trunking



STANDARD LENGTH (mm)	3000
MATERIAL	Rigid PVC
COLOUR	White

YT1 IS ONLY AVAILABLE IN 2m LENGTHS

PART NUMBER	YT1	YT2	YT3	YT4	YT5
WIDTH (mm) A	16	25	40	40	40
HEIGHT (mm) B	16	16	16	25	40
COMPARTMENTS	ONE	ONE	ONE	ONE	ONE

Zip-Lock

Complete friction free sling for wrap around applications



The range consists of a pre-determined length of wire from 1 metre to 10 metres with a choice of Safe Working Load:

- * Green 10kg
- * Silver 50kg
- * Yellow 120kg

The system consists of wire and clip with a swaged eye to form a friction free sling, no wire on wire.

CON-LOCK

Universal concrete anchor system for all concrete types



The range consists of a pre-determined length of wire from 1 metre to 10metres with a choice of Safe Working Load:

- * Green 10kg
- * Silver 50kg
- * Red 90kg

The system consists of wire and clip with a ferruled CLA 1 concrete anchor.

- * Nail anchor for hammer-set installation
- * The installed nail anchor expands automatically under load, pulls the cone into the expansion clip and expands against the wall
- * No claw back required
- * High tensile galvanised wire 1960 N/mm² grade 7 X 7 construction
- * BSEN 12385 Standard

Try-Lock

The complete cable management support system

The range consists of three pre-determined lengths of wire to support basket and tray. Safe Working Load:

- * Silver 50kg
- * Green 10kg (on request)

Available in drops to suit basket or tray measuring:

- * 50 - 100mm width
- * 150 - 200mm width
- * 300 - 400mm width

The system is designed to be used in conjunction with Rize, Zip-Lock, Con-Lock, Dec-Lock, Shot-Lock & Uni-Lock.

Zip-Clip Suspension System

A system for all applications



- * Pass wire through clip.
- * Loop wire through or around anchor point.
- * Pass wire back through clip.
- * Apply tension.
- * To adjust, take the load off and pull the tail slightly to disengage teeth, then release using adjustment pin.
- * Thread the wire rope into the 'through hole' in KL200.
- * Pass the wire rope 'tail' through (or around) the anchor point (eyehook, beam or purlin).
- * Push the wire rope tail into one locking channel in the KL200 and pull at least 6 inches of the wire rope through.

Pass the other wire rope end through (or around) the bracket or fixture on the object to be suspended, return the wire rope to the KL200 and push at least 6 inches of wire rope through to remaining locking channel.

Prior to load being applied, the wire rope can be adjusted in either direction

With the load off the wire rope and the KL200 clip, push the release pin in the direction of the arrow on the clip. This will release the locking wedge and allow the wire rope to be moved freely in either direction. (After a load has been applied it may be necessary to pull the cable slightly to disengage the teeth on the wedge). Be sure the load is fully supported before attempting adjustment.

Applications

ELECTRICAL

- * Luminaires
- * Busbar
- * Cable basket
- * Cable tray
- * Cable ladder
- * Trunking
- * High bays
- * CCTV cameras
- * Secondary support
- * Sound systems

ZIP-CLIP

Metal Framing

All cantilever support arms for cable ladders and trays should be 50mm longer than the width of the Cable ladder or tray used.

OL254

Single

PRODUCT RANGE	OL254						
STANDARD FINISH	Hot-dip Galvanized						
LENGTH (mm) A	150	200	250	350	450	550	650
THICKNESS	2,5mm						

OL254S

Staggered

PRODUCT RANGE	OL254S			
STANDARD FINISH	Hot-dip Galvanized			
LENGTH (mm) A	650	800	850	1050
LENGTH (mm) B	250	300	300	350
THICKNESS	2,5mm			

OL254

Double

PRODUCT RANGE	OL254Double		
STANDARD FINISH	Hot-dip Galvanized		
LENGTH (mm) A	650	850	1050
THICKNESS	2,5mm		

OL223

PRODUCT RANGE	OL223						
STANDARD FINISH	Hot-dip Galvanized						
LENGTH (mm) A	150	200	250	350	450	550	650
THICKNESS	2,5mm						

RF ARM

Can be used with Cable Tray

DESCRIPTION	RF150	RF200	RF250	RF350	RF400
LENGTH	150	200	250	350	450
HEIGHT	50,5	63	75	100	113
MATERIAL	2mm				
STANDARD FINISH	Pre-Galvanized				



Hot-dip Galvanized finish also available on request

Metal Framing

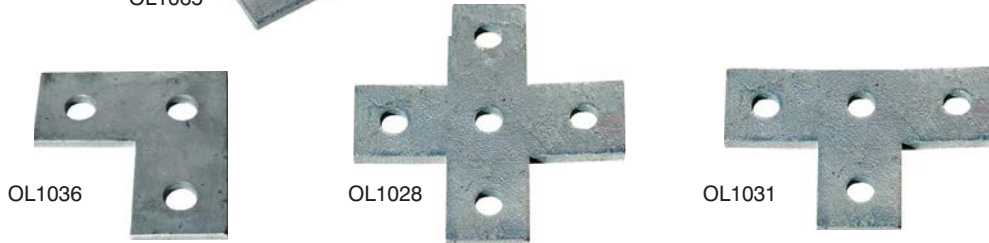
Fittings



OL1062 for M8 Bolt
OL1063 for M10 Bolt
OL1064 for M12 Bolt

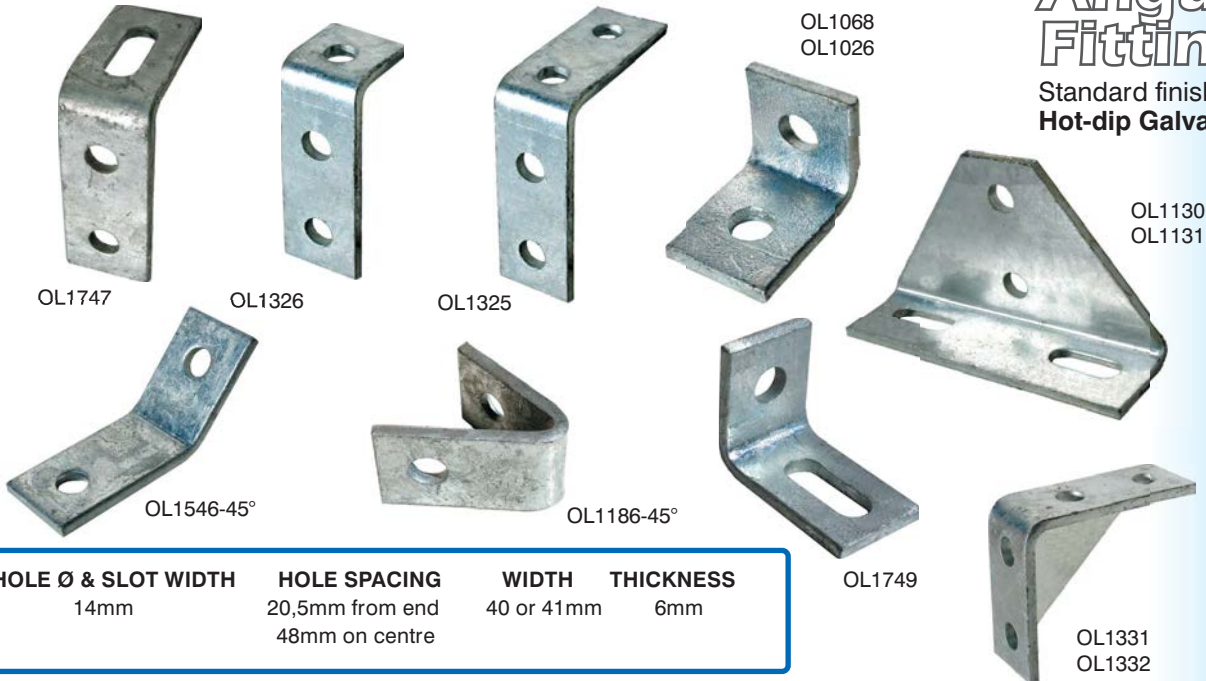
Flat Plate Fittings

Standard finish:
Hot-dip Galvanized



Angular Fittings

Standard finish:
Hot-dip Galvanized



HOLE Ø & SLOT WIDTH	HOLE SPACING	WIDTH	THICKNESS
14mm	20,5mm from end 48mm on centre	40 or 41mm	6mm



"U" Shape

Standard finish:
Hot-dip Galvanized

"Z" Shape

Standard finish:
Hot-dip Galvanized

HOLE Ø & SLOT WIDTH	HOLE SPACING	WIDTH	THICKNESS
14mm	20,5mm from end 48mm on center	40 or 41mm	6mm



Beam Clamps

Standard finish:
Electro-Galvanized

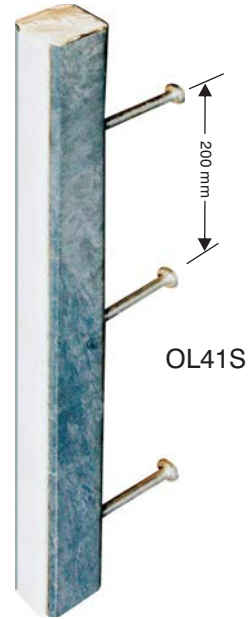
Channels

Olistrut®
OL41S
Concrete
Anchor Channels

OLISTRUT® concrete anchor channels are manufactured from 2,5mm thick mild steel in 6,0m lengths with 8mm Steel lugs welded to the back of the channel. The polystyrene filler ensures the exclusion of concrete "fines" from the channels.

SA Patent No. 88/620693/3889

PRODUCT RANGE	OL41/S
CHANNEL SIZE (mm)	41,3 x 41,3
LENGTH (mm)	6000
FINISH	Hot-dip galvanized



OL41S

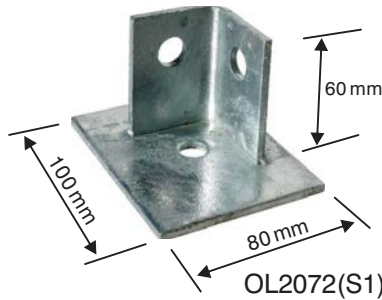
Post Bases

OL2072(S1)
OL2073(A)

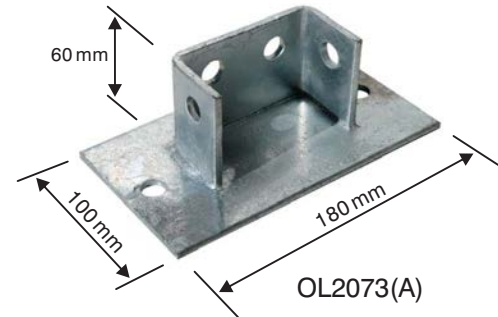
OL2072(S1)
To be used with OL1000 Olistrut

OL2073(A)
To be used with OL1001 Olistrut

Standard Finish: **Hot-dip Galvanized**
Thickness of post bases 4.5mm



OL2072(S1)



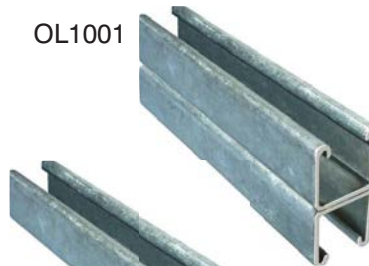
OL2073(A)

PRODUCT RANGE	THICKNESS (mm)	OVERALL DIMENSION	LENGTH (mm)
OL1000	2.5	41,3 x 41,3	6000
OL1001	2.5	41,3 x 82,6	6000
STANDARD FINISH	Hot-dip galvanized		

Olistrut® Channels and Combination Channels

OL1000
OL1001
OL1000T

OL1001



OL1000



CHANNELS



OL1000T

PRODUCT RANGE	THICKNESS (mm)	PIERCED SLOT SIZE	SLOT CENTRES(mm)	LENGTH (mm)
OL1000T/14	2.5mm	14 x 28mm*	50	6000
STANDARD FINISH	Hot-dip galvanized			

* Standard Slot size

2-piece Pipe/Cable Clamps



TWO PIECE PIPE CLAMP	OL2026	OL2027	OL2028	OL1111	OL2030
CABLE/PIPE Ø (mm)	11.5-13.5	13-17	16.5-19.5	19-23	21-30
SCREW SIZE	M6 x 20mm Gutter Bolt & Nut				

TWO PIECE PIPE CLAMP	OL1112	OL1113	OL1114	OL1115	OL1117	OL1118	OL1119
CABLE/PIPE Ø (mm)	24-30	31-36	38-44	43-57	54-70	71-85	87-95
SCREW SIZE	M6 x 25mm Gutter Bolt & Nut			M8 x 35mm Hex Set + Nut			

TWO PIECE PIPE CLAMP	OL1120	OL1121	OL1122	OL1123	OL1124	OL1125	OL1126	OL1127	OL1129
CABLE/PIPE Ø (mm)	99-110	110-122	116-140	135-145	155-180	175-206	188-228	235-270	260-285
SCREW SIZE	M 10 x 50mm Hex Set + Nut				M 10 x 60mm Hex Set + Nut				

Pipe Clamps

Pipe/Cable Clamps

TWO PIECE PIPE CLAMP SUITABLE FOR USE WITH OLISTRUT® STANDARD FINISH
 Pre-galvanized
FINISH OF FASTENERS
 Electro-galvanized

Universal Cable Clamps



UNI-Clamp

The Universal Cable Clamp has been designed to fit most of O-LINE cable carrying products.

It will fit; OL 55; OL 76; PS 75-150; SSP 130-150; Angle Ladder; Mine Span; GS 50-75; OL 1000 and OL 3300
 Finish: Hot-dip-Galvanized

The Uni-Clamp uses a M6 bolt and a M6 Riv-Nut insert. Riv-Nut insert offers perfect thread with high stripping strength. Allowing the Uni-Clamp to be tightened perfectly every time **without stripping!**

CLAMPS	*UC14	*UC16	*UC20	*UC26	*UC32	*UC40
CABLE / PIPE Ø (mm)	14	16	20	26	32	40
CLAMPS	*UC46	*UC52	*UC58	*UC66	*UC70	*UC78
CABLE / PIPE Ø (mm)	46	52	58	66	70	78

Pipe Clamps

SS Series OL2246 Pipe Clamps



SS Series

STANDARD FINISH
Hot-dip Galvanized



OL2246 Series
SUITABLE FOR USE
WITH OLISTRUT®

SS SERIES	SS21	SS27	SS34	SS42	SS48	SS60	SS76	SS89	SS101	SS114	SS140	SS166	SS173	SS219
NOMINAL BORE	15	20	25	32	40	50	65	80	-	100	125	150	-	200
OUTSIDE PIPE Ø	21	27	34	42	48	60	76	89	101	114	140	166	173	219
HOLE Ø (mm)	8	8	8	8	10	10	10	14	14	14	14	14	14	14

OL2246 SERIES	SS2246/20	OL2246/25	OL2246/30	OL2246/40	OL2246/50	OL2246/60	OL2246/70	OL2246/80
NOMINAL BORE	50	65	80	100	125	150	-	200
OUTSIDE PIPE Ø	60	76	89	114	140	166	173	209
HOLE Ø (mm)	10	10	14	14	14	14	14	14

Series OL2239 Pipe Clamps



OL2239 SERIES	OL2239/25	OL2239/40
NOMINAL BORE	65	100
OUTSIDE PIPE Ø	76	140
SCREW & NUT Ø (mm)	M12 X 45MM	M12 X 45MM

OL2239 Series
STANDARD FINISH
Hot-dip Galvanized

Series OL75 Pipe Clamps

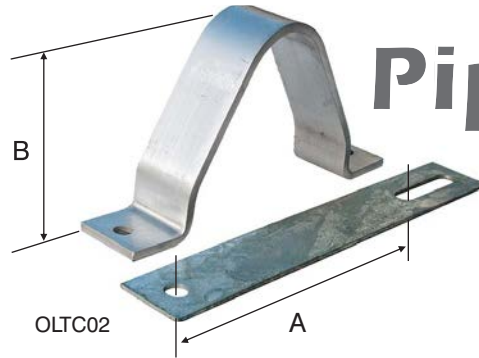
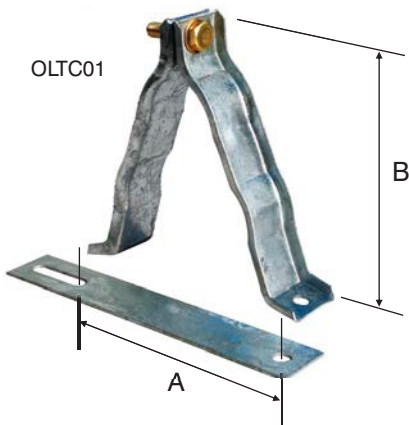
OL75 SERIES	OL75/15	OL75/20	OL75/25	OL75/30	OL75/40	OL75/50
NOMINAL BORE	15	20	25	30	40	50
OUTSIDE PIPE Ø	21	27	34	42	48	60
HOLE Ø (mm)	12	12	12	12	12	12

OL75 SERIES	OL75/60	OL75/80	OL75/100	OL75/125	OL75/150	OL75/200
NOMINAL BORE	60	80	100	125	150	200
OUTSIDE PIPE Ø	76	89	114	140	166	219
HOLE Ø (mm)	14	14	14	14	17	17



OL75 Series
STANDARD FINISH
Pre-Galvanized

Trefoil Clamps



Pipe Clamps

Series OLTC Trefoil Clamps

OLTC01	CABLE DIAMETER		A(mm)	B(mm)
	MINIMUM	MAXIMUM		
OLTC01/45	3 X Ø 39	3 X Ø 45	90 - 130	108
OLTC01/51	3 X Ø 46	3 X Ø 51	130 - 170	127
OLTC01/59	3 X Ø 52	3 X Ø 59	145 - 185	132
OLTC01/70	3 X Ø 60	3 X Ø 70	170 - 210	157
OLTC01/75	3 X Ø 70	3 X Ø 75	170 - 210	162
FINISH	Hot-dip Galvanized			

OLTC02	CABLE Ø	A(mm)	B(mm)
OLTC02/30	3 X Ø 30	115	61
OLTC02/37	3 X Ø 37	125	74
OLTC02/43	3 X Ø 43	170	85
OLTC02/48	3 X Ø 48	170	93
OLTC02/53	3 X Ø 53	170	102
OLTC02/63	3 X Ø 63	170	122
FINISH	Aluminium		

Fasteners



Gutter Bolt and Square Nut



Hex Set Screw and Nut



Long Spring Nut



Coupling Nut



Drop in Anchor



Flat Washer



Spring Washer



Fender Washer



Short Spring Nut



Threaded Rod

PRODUCT RANGE	LENGTH	FINISH	THREADED SIZES
Hex Set Screw	20mm, 25mm, 35mm, 40mm, 45mm, 50mm, 55mm, 60mm	Electro-galvanized	M6, M8, M10, M12 (Limited Lengths)
Flat Washer		Electro-galvanized	M6, M8, M10, M12
Spring Washer		Electro-galvanized	M6, M8, M10, M12
Fender Washer		Electro-galvanized	M6, M8, M10, M12
Hex Nut		Electro-galvanized	M6, M8, M10, M12
Coupling Nut		Electro-galvanized	M6, M8, M10, M12
Spring Nut		Electro-galvanized	M6, M8, M10, M12
Threaded Rod	3m	Electro-galvanized	M6, M8, M10, M12
Gutter Bolt & Square Nut	12mm, 20mm, 25mm	Electro-galvanized	M6
Cup Square Bolt & Nut	16mm	Mega Zinc	M6
Cone Point Screw	45mm	Electro-galvanized	M10, M12
Dome Head Slotted Bolt & Nut	16/20mm	Mega Zinc	M10
Square Neck Round Head Bolt & Nut	16/20mm	Mega Zinc	M8
Drop in Anchor		Electro-galvanized	M6, M8, M10, M12

Cable Ladders

Litespan® OL55

Accessory Radius: Minimum 450mm.
Suitable for use with Uni and
Trefoil Clamps

OL76

Accessory Radius:
Minimum 450mm.
650mm & 1000mm on request.
Suitable for use with Uni and
Trefoil Clamps.
Earth Studs are available for
OL76 Ladder on request.

OL55

OL55 Litespan® Splice sets comprise 2 x Angle
Splices, 8 x M6 Cup Square Bolts, Hex Nuts and
Flat Washers per joint.

WIDTH (mm)	100	150	200	300	400	500
-------------------	-----	-----	-----	-----	-----	-----

LENGTH (mm)	3000
HEIGHT (mm)	55
STRAPPING SLOTS	11 X 28mm
CABLE TIE HOLES	11mm Ø & 8mm Ø
CROSS RUNG CENTERS (mm)	375
STANDARD FINISH	Hot-dip galvanized
FINISH OF FASTENERS	Mega Zinc / Super Zinc

OL76

OL76 Splice sets comprise 2 x Angle Splices,
8 x M6 Cup Square Bolts, Hex Nuts and
Flat Washers per joint.

WIDTH (mm)	100	150	200	300	400	500	600	800	1000
-------------------	-----	-----	-----	-----	-----	-----	-----	-----	------

LENGTH (mm)	3000
HEIGHT (mm)	76
STRAPPING SLOTS	11 X 28mm
CABLE TIE HOLES	11mm Ø & 8mm Ø
CROSS RUNG CENTERS (mm)	375 except 800mm & 1000mm center = 300
STANDARD FINISH	Hot-dip galvanized
FINISH OF FASTENERS	Mega Zinc / Super Zinc
*LENGTH (mm)	6000 on request



O-LINE CABLE LADDER is a range of economically priced all welded construction single sided cable ladder.

O-LINE CABLE LADDER is designed to carry cables in a horizontally mounted application over spans of up to 2,0m at design working load.

O-LINE CABLE LADDER is manufactured using 3,0m long lipped "Z" shaped side rails and lipped angle cross rungs at 375mm centers with 17mm x 7mm laterally slotted holes at 25mm centers.

O-LINE CABLE LADDER splice sets comprise two Angle side rail splices, bolted in the vertical plane, using 4 x M6 x 16mm Cup Square bolts and nuts and flat washers per splice.

O-LINE CABLE LADDER has a range of accessories manufactured in 450mm internal radius.

O-LINE CABLE LADDER is designed to accept **Uni-Clamps**, as well as cable ties. Cable ladder covers are available and should be specified at order stage, if required.

Cable Ladder



O-line

Cable Ladders

Powerspan®

PS75

PS100

PS150

PS75, PS100 & PS150
SA Patent No: 88/06902 92/07710

PRODUCT RANGE	PS75	PS100	PS150
LENGTH (mm)		3000	
HEIGHT (mm)	75	100	150
CROSS RUNG SLOTS	11 X 28mm		
CABLE TIE HOLES	11mm Ø & 8mm Ø		
CROSS RUNG CENTERS (mm)	300		
STANDARD FINISH	Hot-dip galvanized		
*LENGTH (mm)	6000 on request		

WIDTH (mm)	150	200	300	400	500	600	800	1000
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POWERSPAN is a range of robust, versatile all welded construction single sided cable ladders.

POWERSPAN is specifically designed to carry cables in an edge mounted application over spans of up to 4,0m (PS**/2) and 5,0m (PS**/3) at design working load.

POWERSPAN may be used with equal success in the horizontally mounted application, with load capability varying in relation to the side rail depth chosen.

POWERSPAN is manufactured using 2mm (PS**/2) or 3mm (PS**/3) thick by 3,0m long lipped "Z" shaped side rails and channel cross rungs at 300mm centers with 25mm x 7mm laterally slotted holes at 25mm centers.

POWERSPAN splice sets comprise two angle side rail splices, bolted in both horizontal and vertical planes using 8 x M8 x 16 Cup Square bolts, nuts and flat washers per splice.

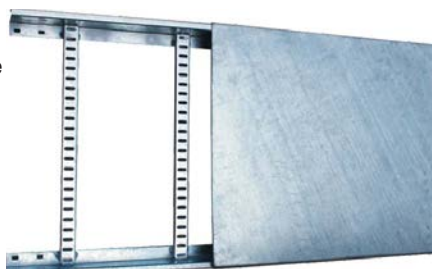
POWERSPAN has a comprehensive range of accessories manufactured from 2mm thick steel in 450mm, 650mm and 1000mm internal radii. Cable ladder covers and earth studs are available and should be specified at order stage, if required.

POWERSPAN is designed to accept cable ties / **Uni-Clamps**.



Full range of Covers available on request

Flat or Peaked



Cover

CABLE LADDERS

Cable Ladders

Accessories

- OL55
- OL76
- PS75
- PS100
- PS150

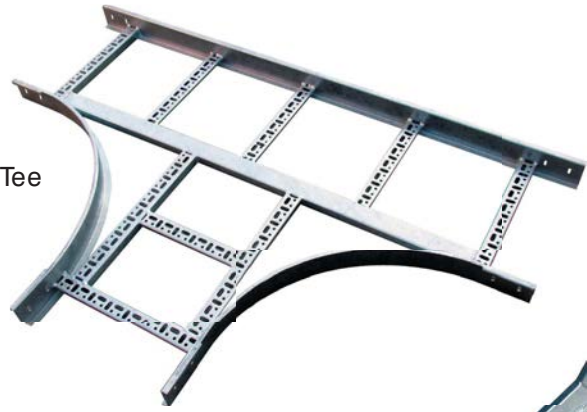


Reduction Splice

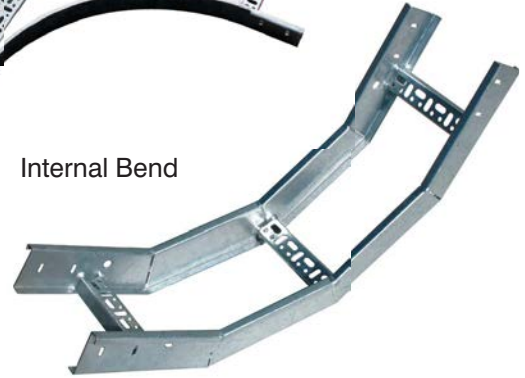


Adjustable Splice
(only in vertical plane)

Tee



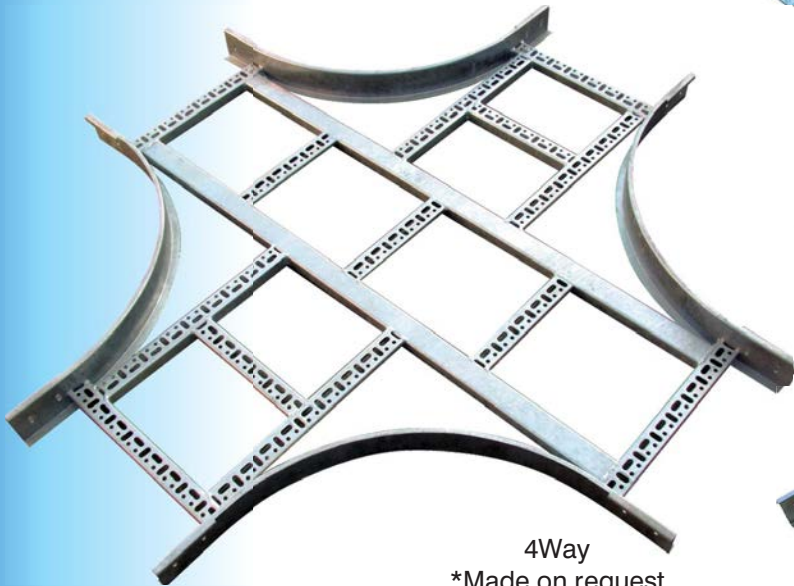
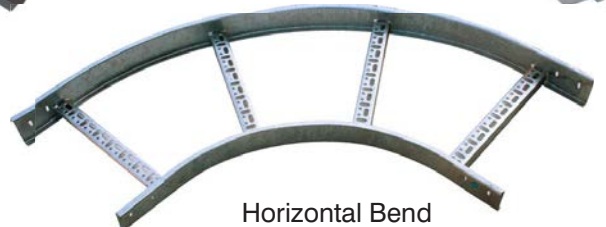
Internal Bend



External Bend



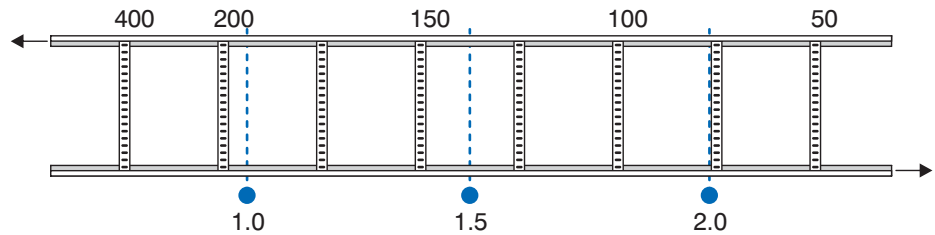
Horizontal Bend



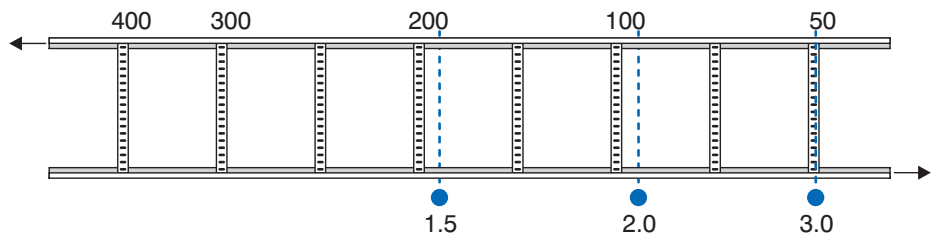
4Way
*Made on request

Loadings

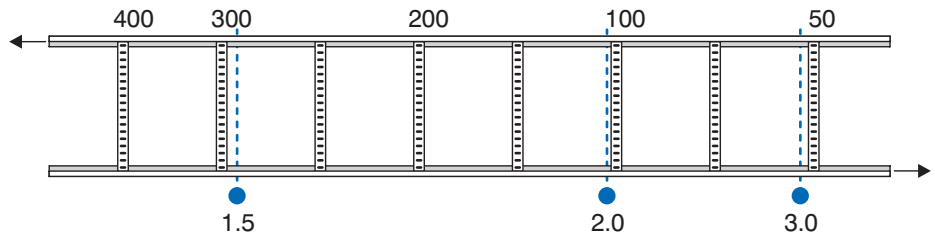
OL55
Load kg/m
SPAN
Width = 100 - 500



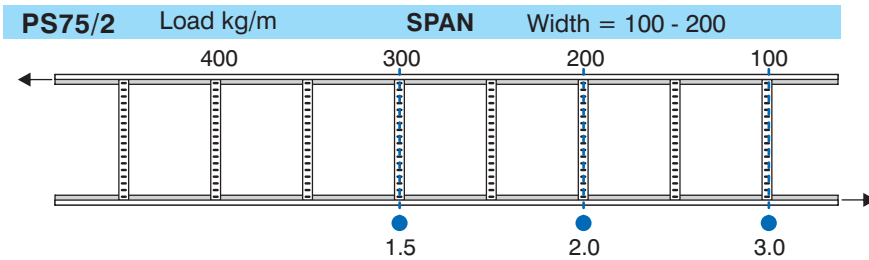
OL76
Load kg/m
SPAN
Width = 100 - 200



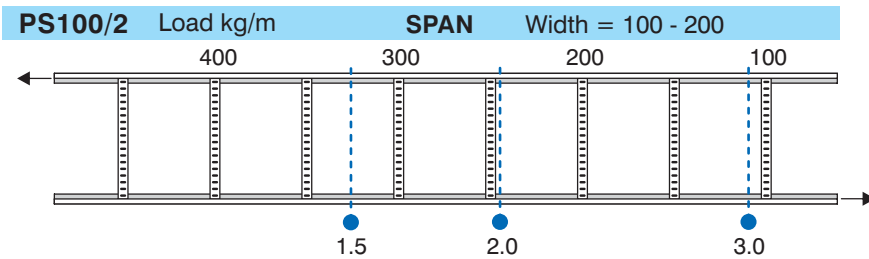
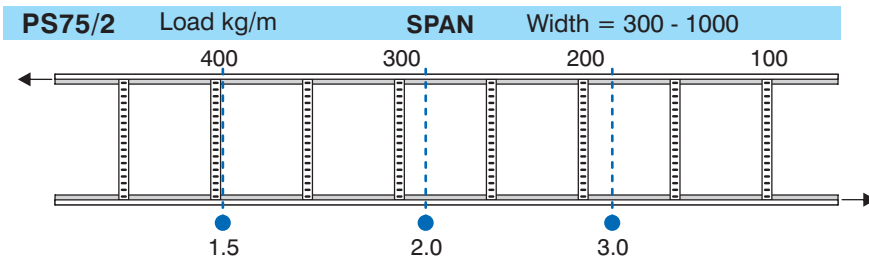
OL76
Load kg/m
SPAN
Width = 300 - 1000



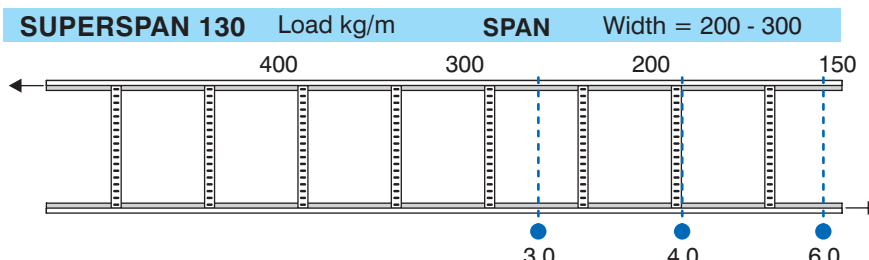
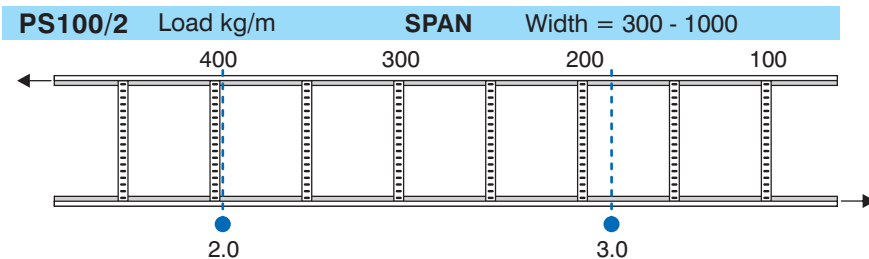
Cable Ladders



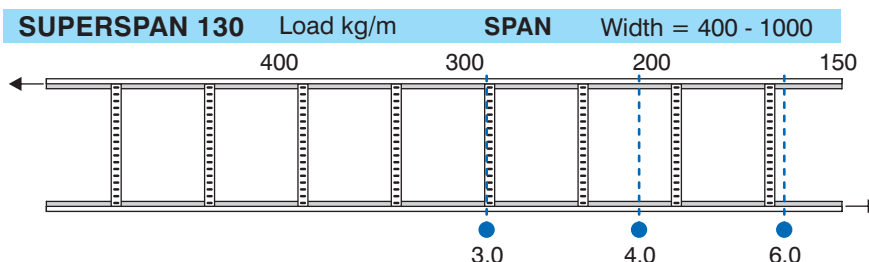
Loading
PS75



Loading
PS100



Loading
SSP130



Test results per individual lengths can vary due to manufacturing tolerances. The loading data is for guidance only and are typical. No guarantee can be offered that the installed product will match the loading information exactly. Deflection of span over 200 is used as a standard on all cable carrying products.

CABLE LADDERS

Cable Ladders

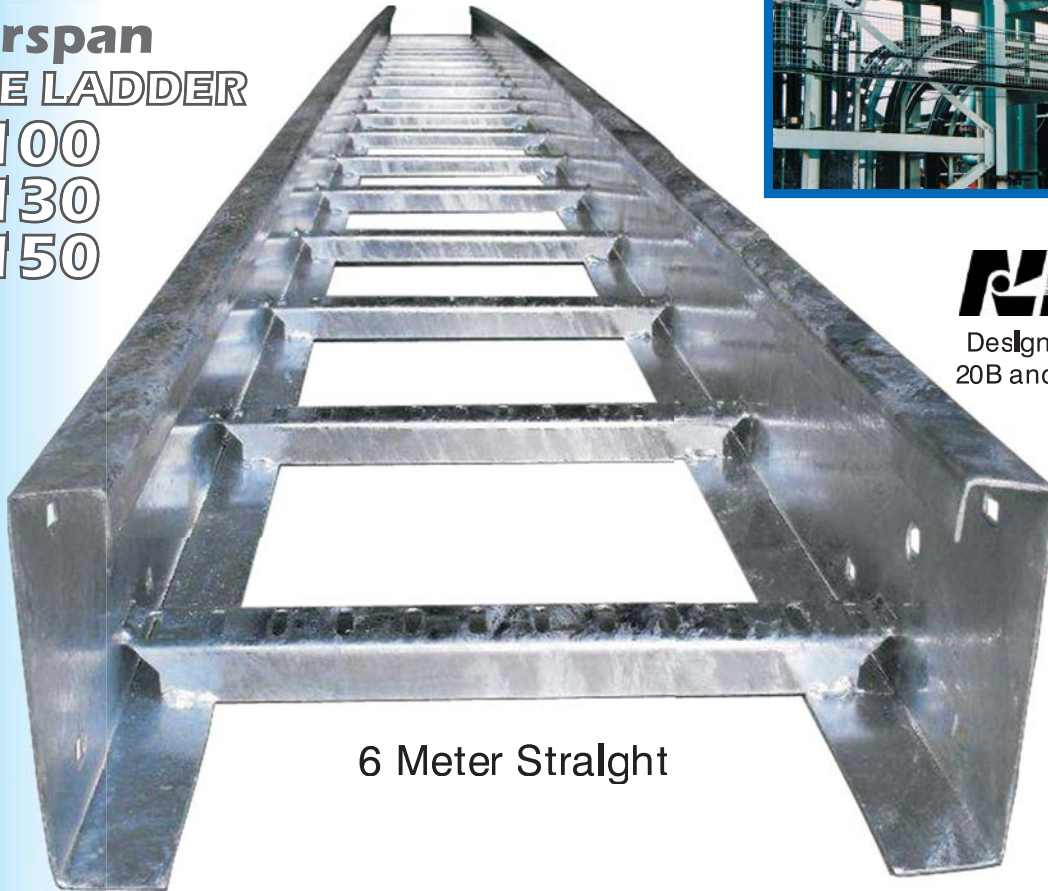
Superspan

CABLE LADDER

SSP100

SSP130

SSP150



6 Meter Straight



Designed to meet NEMA 20B and 20C classification

SUPERSPAN is a range of competitively priced all welded construction single sided cable ladders.

SUPERSPAN is designed to carry cables in a **horizontally** mounted application over spans of up to 6m at design working load. This product is acceptable for edge mounting applications, providing supports are not greater than 3m apart.

SUPERSPAN is manufactured using 5.8m & 6m long lipped shaped side rails and lipped channel cross rungs at 305mm centers. Rungs have 25mm x 7mm laterally slotted holes at 25mm centers.

SUPERSPAN splice sets comprise two channel side rail splices bolted, using 8 x M8 x 16mm Cup Square bolts, nuts and flat washers per splice.

SUPERSPAN has a comprehensive range of accessories manufactured in 450mm and 650mm internal radii. Cable ladder covers and earth studs are available and should be specified at order stage, if required.

SUPERSPAN is designed to accept Uni-clamps, as well as cable ties.

Ladder widths available on request.

Internal Bend



Accessories



Tee

Cable Ladders

TWINSpan is a range of robust, all welded construction, double sided cable ladders.

TWINSpan is specifically designed to carry cables in an edge mounted application over spans of up to 8,0m at Design working load in petrochemical plants.

TS150 & TS225
SA Patent No: 94/01988



Twinspan® TS150 TS225

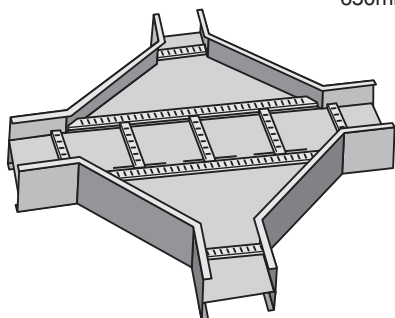
WIDTH (mm)	300	450	600	900
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PRODUCT RANGE	TS150	TS225
LENGTH (mm)	3000	
HEIGHT (mm)	150	225
CROSS RUNG SLOTS	25 X 7mm	
CROSS RUNG CENTERS (mm)	435	
STANDARD FINISH	Hot-dip Galvanized	

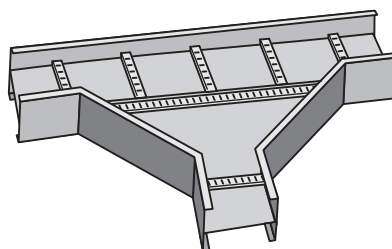
Twinspan® Splice sets comprise 4 x Angle Splices, 1 Flat Splice and 28 x M8 Round Head Square Neck Bolts, Hex Nuts and Flat Washers per joint.

Accessories

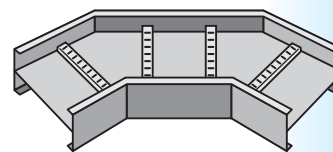
Accessory Radius: Minimum 450mm.
650mm & 1000mm on request.



Vertical 4Way



Vertical Tee



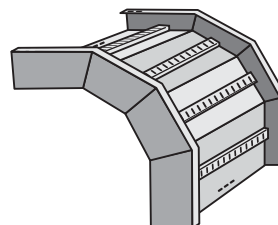
90° Vertical Bend



Centre Splice



Angle Splice



90° Horizontal Bend

Cable Ladders

Minespan®

MS40

MS50

Angle Iron

AI40

AI50

MINESPAN is a range of robust, all welded construction single sided cable ladders developed around the commonly specified "Angle and flat bar" type of cable ladder.

MINESPAN is designed to carry cables over spans of up to 4,0m in an edge mounted application and up to 3,5m in a horizontal application at design working load.

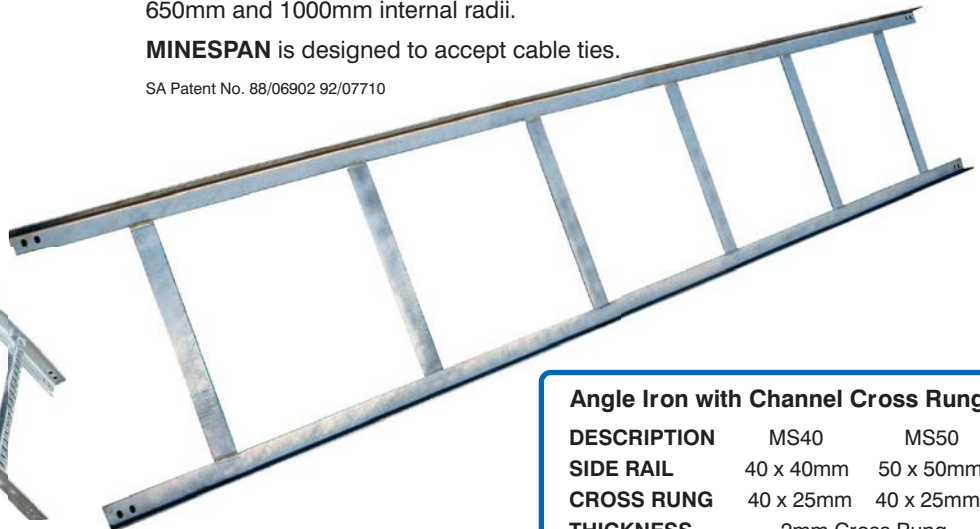
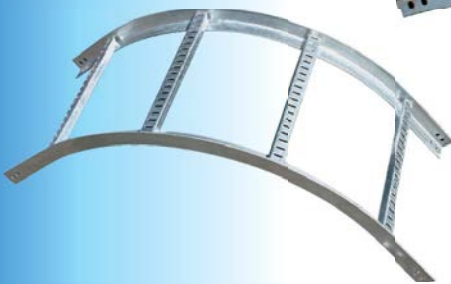
MINESPAN is manufactured for easy installation in 3,0m lengths using 40mm or 50mm by 5mm thick hot rolled equal angles as side rails. Channel cross rungs at 300mm centers, with 25mm x 7mm laterally slotted holes at 25mm centers, replace the flat bar rung.

MINESPAN has a comprehensive range of accessories manufactured in 450mm, 650mm and 1000mm internal radii.

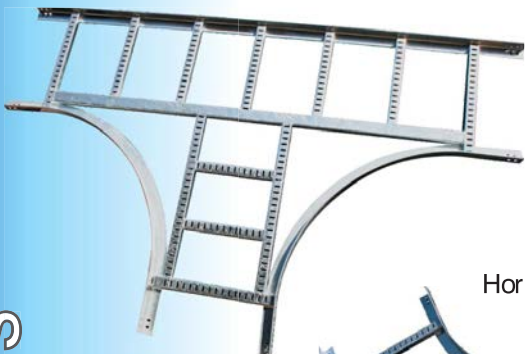
MINESPAN is designed to accept cable ties.

SA Patent No. 88/06902 92/07710

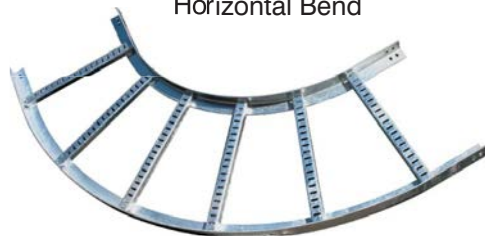
External Bend



Tee



Horizontal Bend



Angle Iron with Channel Cross Rung

DESCRIPTION	MS40	MS50
SIDE RAIL	40 x 40mm	50 x 50mm
CROSS RUNG	40 x 25mm	40 x 25mm
THICKNESS	2mm Cross Rung	

Angle Iron with Flat Bar Cross Rung

DESCRIPTION	AI40	AI50
SIDE RAIL	40 x 40mm	50 x 50mm
CROSS RUNG	40 x 5mm Flat Bar	

STANDARD LENGTH	3000
SLOT SIZE	Ø 7 x 17,5mm
RUNG CENTERS	300mm
STANDARD FINISH	Hot-dip Galvanized
FASTENER FINISH	Mega Zinc
MINIMUM ACCESSORY RADIUS	650mm

SPLICE SET COMPRISES

2 x Flat Splice plates, 8 x M8 x 25mm Hex Set Screws & Hex Nuts with 16 Flat Washers.
Angle Iron Ladders can be manufactured with/without any splicing or rung holes.

Details of Cross Rungs

Minespan



Angle Ladder



DURASPAN is a range of sturdy lightweight, single sided, high strength, corrosion resistant, nonconductive, maintenance free, all glass reinforced polyester (GRP) cable ladders.

DURASPAN is designed to carry cables over spans of 2.0m in a horizontally mounted application at design working load.

DURASPAN is manufactured in 3.0m lengths using "S" shaped side rails with a choice of unslotted tubular cross rungs at 300mm centres.

DURASPAN splice sets comprise two "S" shaped side rail splices designed specifically to fit snugly into the side rail shape. The splices are glued, and then dowelled in the vertical plane using 6 x 8mm diameter GRP dowels per splice. Curing time for the two pack epoxy adhesive at 25°C with normal handling is 24 hours. For full strength adhesive cure, the ladder must remain unloaded for 7 days.

DURASPAN has a range of accessories manufactured in 450mm internal radius assembled by means of dough moulded compound (DMC) angle and rung joiners. GRP covers are available.

Widths available on request 150mm, 300mm, 450mm and 600mm

DS75 Duraspan®
SA Patent No: 87/04915 88/05114

Cable Ladders

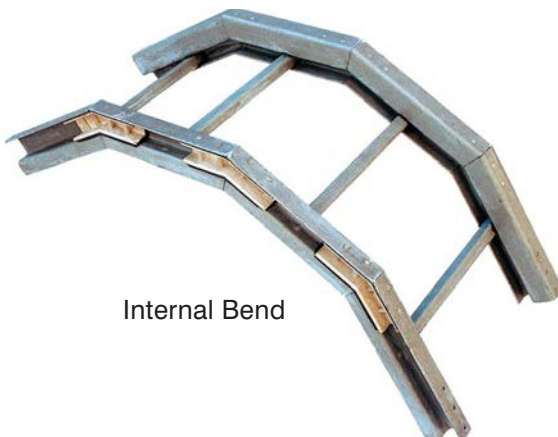


Duraspan® DS75 Glass reinforced plastic

Splice Detail:
Duraspan® Splice sets comprise
2 x S Splices, 12 x 8mm GRP
Dowels per Splice Set.
(Adhesive required to glue
splice in position.)

Accessories

Accessory Radius: Minimum 450mm



Internal Bend



External Bend



Horizontal Bend



O-line Projects

Gallery



PROJECTS

Product Weights



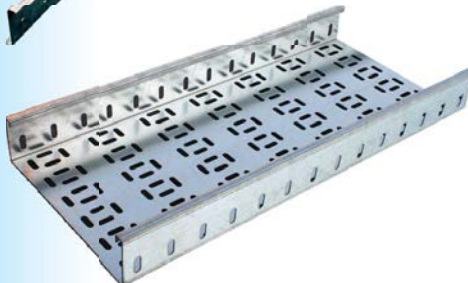
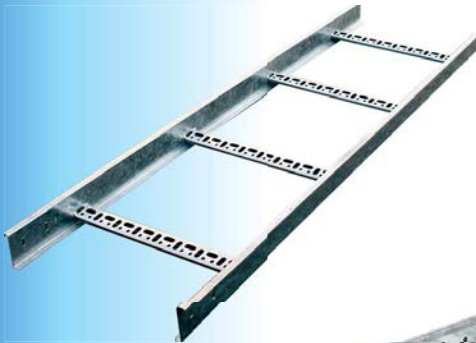
Channels & Accessories

OL1000	X 5M CHANNEL	13.94
OL2000/1.6	X 5M CHANNEL	9.27
OL2000/1.0	X 5M CHANNEL	5.79
OL1000/2000	SPLICE	0.10
OL1000	END CAP/2	0.04
OL2000	END CAP/1	0.02
OL1000/2000	HORIZONTAL ELBOW	0.14
OL1000/2000	INTERNAL ELBOW	0.14
OL1000/2000	EXTERNAL ELBOW	0.14
OL1000/2000	TEE	0.16
OL1000/2000	4 WAY CROSSOVER	0.20
OL3300	X 5M CHANNEL	9.88
OL4000	X 5M CHANNEL	6.82
OL3300/OL4000	SPLICE	0.08
OL3300	END CAP	0.02
OL4000	END CAP	0.01
OL3300/4000	HORIZONTAL ELBOW	0.08
OL3300/4000	INTERNAL ELBOW	0.08
OL3300/4000	EXTERNAL ELBOW	0.08
OL3300/4000	TEE	0.10
OL3300/4000	4 WAY	0.14
OL1184	X 2.5M CLOSURE STRIP	1.25
OL2200	HANGER COMPLETE	0.14
OL2200	X 3.0M CHANNEL	2.44
OL2184	3.0M CLOSURE STRIP	1.12
OL2200	SPLICE	0.16
OL2200	END CAP	0.02
OL2200	HORIZONTAL ELBOW	0.18
OL2200	INTERNAL ELBOW	0.24
OL2200	EXTERNAL ELBOW	0.20
OL2200	TEE	0.28
OL2200	4 WAY	0.34
OL1184	X 3M CLOSURE STRIP	1.25
OL1000	X 6M CHANNEL	16.73
OL3300	X 6M CHANNEL	11.86
OL1184	X 2.5M CLOSURE STRIP	PVC
OL2335	HANGER COMPLETE	0.14
OL8000	X 3M CHANNEL	6.3
OL8100	X 3M CHANNEL	4.5
OL8200	X 3M CHANNEL	5.1
OL8300	X 3M CHANNEL	5.7
OL9000	X 3M CHANNEL	7.8
OL9184	X 3M CLOSURE STRIP (PG)	4.5
OL8184	X 3M CLOSURE STRIP (PG)	2.4
OL9000	SPLICE	1.64
OL8000	SPLICE	1.28
OL8300	SPLICE	1.16
OL8200/OL8100	SPLICE	0.98
OL9000	END CAP	0.38
OL8000/OL8300	END CAP	0.42
OL8200/OL8100	END CAP	0.24

OL9000	HOR. INT&EXT ELBOW	0.73
OL8000	HOR. INT&EXT ELBOW	0.59
OL8300	HOR. INT&EXT ELBOW	0.52
OL8200/OL8100	HOR. INT&EXT ELBOW	0.41
OL9000	TEE	0.85
OL8000	TEE	0.6
OL8300	TEE	0.54
OL8200/OL8100	TEE	0.46
OL9000	4 WAY	1.2
OL8000	4 WAY	0.76
OL8300	4 WAY	0.68
OL8200/OL8100	4 WAY	0.58
OL8000	RAD. HOR.ELBOW + COVER	1
OL8200	RAD. HOR.ELBOW + COVER	0.82
OL8300	RAD. HOR.ELBOW + COVER	1
OL9000	RAD. HOR.ELBOW + COVER	1.44
OL9000	RAD. INT.ELBOW	0.88
OL8000	RAD. INT.ELBOW	0.64
OL8200	RAD. INT.ELBOW	0.5
OL8300	RAD. INT.ELBOW	0.62
OL9000	RAD. EXT.ELBOW + COVER	1.44
OL8000	RAD. EXT.ELBOW + COVER	1
OL8200	RAD.EXT.ELBOW + COVER	0.82
OL8300	RAD. EXT.ELBOW + COVER	1
OL9000	RAD. TEE + COVER	1.74
OL8000	RAD. TEE + COVER	1.45
OL8200	RAD. TEE + COVER	0.9
OL8300	RAD. TEE + COVER	1.3
OL9000	RAD. 4WAY+ COVER	2.24
OL8000	RAD. 4WAY+ COVER	1.64
OL8200	RAD. 4WAY+ COVER	1.33
OL8300	RAD. 4WAY+ COVER	1.4
OL9000	RAD. DB OUTLET + COVER	0.86
OL8000	RAD. DB OUTLET + COVER	0.66
OL8300	RAD. DB OUTLET + COVER	0.64
OL8200/OL8100	RAD. DB OUTLET + COVER	0.57
OL9000	HANGER	0.35
OL8000/OL8100/OL8200/OL8300	HANGER	0.29
OL9000	Wiring Retainer	0.09
OL8000/OL8100/		
OL8200/OL8300	Wiring Retainer	0.06

O-line

Intellectual Property



O-line recognises the necessity for continuous improvement in every element of its business, to satisfy customer needs and maintain a technological edge via the products it designs and supplies.

O-line's innovative technology is protected by intellectual property rights such as patents and trademarks which preserve the company's ability to control the quality of its new and existing products and prevent cheap imitations which could damage both O-line's and its client's business.

O-line's patents and trademarks are referred to continually throughout this catalogue. Trademarks other than in catalogue drawings and tables, are indicated in italics, thus:- *Litespan*® *Powerspan*® *Powerpole*® etc.

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Whilst every possible care has been taken in compiling the information in this Catalogue, O-line will not be held responsible for errors or omissions contained herein.

INTELLECTUAL

Standard Conditions of Quotation, Contract and Sale



of O-line Support Systems (Pty) Ltd And Its Subsidiary Companies herein stated as O-line.

All merchandise sold and business invited in O-line quotations, tenders, catalogues and price lists is subject to the O-line Conditions of Quotation, Contract and Sale in force at that time. O-line reserves the right to modify and change designs.

I) Unless otherwise expressly agreed in writing by O-line any terms or conditions of a Purchaser which are in conflict with these conditions shall be deemed not to, and shall not, apply nor be part of the contract and O-line contracts only upon and subject to these conditions and none other

(II) WORKMANSHIP, DESIGN AND MATERIALS GUARANTEE

O-line may at its option repair or replace any goods or parts which become defective under normal use and condition and which are returned at the Purchaser's cost to the source from which the product originated within 30 days of delivery thereof to the Purchaser. The Purchaser shall have no claim or remedy against O-line or any other supplier or manufacturer of the goods in respect of any defects in the goods or parts thereof, furthermore O-line will not be liable for any consequential loss or other claim. No Director or servant or agent of O-line and no third party, has any authority from O-line to make or give any guarantee or warranty or to vary or add to these conditions, and any representation made or warranty given or term allegedly agreed to by any such person at any time forms no part of the contract and is hereby expressly excluded, unless the same is in writing and is signed by a Director of O-line and it is agreed that O-line is not responsible for any negligence or any negligent misstatement made by any person. No condition or warranty whether expressed or implied (whether by statute or otherwise) as to material, design or workmanship or fitness of the goods for any particular purpose is given, and any such condition or warranty which might otherwise be implied is hereby expressly excluded.

(III) INDEMNITY

O-line shall not be liable or responsible for any loss or damage whatsoever to person or property arising out of the use of goods purchased from O-line or directly or indirectly arising from the condition of such goods or any defect therein and the Purchaser hereby indemnifies O-line and holds it harmless against all and any claims which may at any time be made against O-line in respect of any such loss or damage.

(IV) ALTERATIONS AND IMPROVEMENTS

As alterations and improvements are continually being made by O-line and their suppliers to their various products and goods O-line reserves the right, without notice, to make any changes in materials, dimensions or design which O-line deems desirable.

(V) DELIVERY

O-line will execute orders as soon as possible, but delivery dates either quoted or agreed are not of the essence of the contract, nor can O-line guarantee them, and O-line is not responsible for any loss, expense or damage sustained by the Purchaser of any sort caused by any delay in delivery. The Purchaser must accept delivery of the goods when offered by O-line at the site specified in the delivery note. Whether goods ordered by the Purchaser are delivered to a specified site or whether goods are collected by the Purchaser at the premises of O-line or that of another supplier of O-line, all risks relating to the goods in question pass to the Purchaser upon delivery or handing over of the goods by O-line to the Purchaser, or the Purchaser's carrier, agent or employee. The Purchaser shall be responsible for offloading of the vehicle. Any additional costs or charges arising from delivery to any other site requested by the Purchaser shall be paid for by the Purchaser upon delivery of the goods to the site the Purchaser shall be deemed to be fully responsible for the goods and will immediately effect proper and adequate insurance. In the event of any loss or damage to the goods howsoever arising before the Purchaser has paid the full price thereof the Purchaser shall compensate O-line for such loss and/or damage. O-line will not consider any claim in respect of or be liable for any shortage or damage to the goods on delivery and/or damage to the goods in transit unless such shortage and/or damage is endorsed by the Purchaser on the delivery or consignment note relating to the goods in question and unless O-line is notified either verbally or in writing of any shortage or damage within three days of delivery and a detailed claim in writing is received by O-line within seven days of delivery, or in the event of non-delivery written notification is received by O-line within fourteen days of the date of despatch shown on the delivery note.

(VI) CUSTOMER INSPECTION OF GOODS DELIVERED

The Purchaser is responsible for checking that goods of the correct specification and/or description are delivered and while O-line will replace any incorrect goods delivered provided they are notified thereof within seven days of the original delivery date, O-line shall not be liable for any loss or damage howsoever caused from the use of such goods even if delivery arises from the negligence of O-line, their servants or agents.

(VII) CANCELLATION OF ORDERS

All orders for stock goods and goods the manufacture of which has not commenced may be cancelled subject to a cancellation fee determined solely by O-line. Cancellation of orders for non stock items and/or special goods may be considered at O-line's sole discretion subject to the following conditions: if the material is finished and ready for shipment the Purchaser shall be liable for the full contract price, or if any part thereof shall be in process, the Purchaser will pay a cancellation charge based upon the contract price and measured by the degree of completion of the goods on the date cancellation is received, such degree of completion being determined at the sole discretion of O-line.

(VIII) GOODS RETURNED FOR CREDIT

Goods which O-line regards as its standard stock and which have not been used by the Purchaser may, if O-line so agrees, be returned to O-line for credit but under no circumstances shall any goods be returnable after the expiration of three months from date of sale. Non stock items which are clearly indicated in the official O-line price list shall not be returnable. In the case of special orders, which are orders placed in respect of products other than those reflected on O-line's official price list (i.e. where special orders are required to be prepared by the manufacturer to suit the specific requirement of the Purchaser) the product sold shall not be returnable at all. All returnable goods are subject to O-line's quantity and quality approval prior to acceptance and must in all cases be accompanied by a copy of the original O-line invoice or delivery note. Dirty or soiled goods will under no circumstances be accepted. All goods returned will be subject to a handling fee as indicated on the official current O-line price list.

(IX) QUOTATIONS, PRICES, PAYMENT AND TERMS

O-line's prices are subject to alteration without notice, and orders are accepted and contracts are made only on condition that the prices charged or agreed are subject to variation in accordance with the appropriate price ruling at the date of the delivery note. This price ruling may be obtained by using either one of the following two methods, namely, the ruling prices in the current official O-line price list or by calculating the price variation on the originally quoted price in accordance with the relevant O-line Standard Contract Price Adjustment Formulae. In O-line quotations where unit prices of specified quantities of products are extended to arrive at a total supply price, the unit prices quoted shall take precedence over all else in case of errors and/or omissions. All prices quoted in the official price lists and/or quotations, tenders and the like, include only Value Added Tax at the prevailing rate at the time of issue, unless otherwise stated. The Purchaser's acceptance of any quotation will not form a binding contract between the parties hereto until such acceptance has been agreed in writing by O-line. On request, current prices will be quoted for O-line's various products, but any current price list shall not constitute an offer to sell goods. The prices reflected in O-line's official price list allow for delivery "Carriage of goods by such means of delivery as O-line considers most suitable, providing always that a reasonably hard road surface is available to the point of intended unloading. If such is not available, O-line's driver will specify the nearest available unloading point, which will then become the Delivery Site. All goods delivered by O-line as comprised in the order and any materials or equipment used in connection therewith shall remain the property of O-line and shall be deemed to remain the property and in the possession of O-line until payment of the full price has been made by the Purchaser and in the event of the Purchaser not making payment to O-line within seven days of the date on which any payment is due, O-line may remove all materials and equipment and the Purchaser shall, for the purpose of enabling O-line to exercise its rights hereunder, permit and give reasonable assistance to the workmen or agents of O-line to enter upon his premises for the purpose of effecting such dismantling and removal and such rights shall be without prejudice to the further right of O-line to recover the full amount due to O-line under any contract with the Purchaser in damages or otherwise. Until receipt of payment in full the Purchaser shall be deemed to be retaining any such goods as trustee for and on behalf of O-line and such fiduciary relationship shall continue whilst any money due to O-line under the said order remains outstanding. The acceptance by the Purchaser of this condition shall be fundamental to any contract. O-line reserves the right (until payment shall have been made in full) to place on any part or parts of goods or equipment supplied by them a plate or plaque stating that the ownership of goods is vested in O-line. O-line terms for payment are always that the due date for payment of any invoice shall be the date of such invoice. A Director of O-line may withdraw any previously approved credit facility, settlement discount offered, or extension of time indicated on O-line's statements, invoices or elsewhere by giving written notice to the Purchaser at his last known business address, and all invoiced amounts shall then become due and payable.

(X) FORCE MAJEURE

If O-line is prevented from carrying out its obligations hereunder by circumstances beyond its reasonable control, including, but without prejudice to the generality of the foregoing any form of Government intervention, strikes, lockouts, failure of sub-contractors to supply, shortage or interruption of supplies of materials, energy or power supplies, then O-line may cancel this contract and no liability shall by reason of such cancellation attach to either party subject always to the onus on the Purchaser to pay for all goods already delivered.

(XI) RELEVANT LAW / JURISDICTION / COSTS

These conditions of quotation, contract and sale shall be construed according to the laws of the Republic of South Africa, and the Purchaser hereby submits and consents to the jurisdiction of the Magistrate's Court in respect of all actions or other proceedings arising herefrom, notwithstanding that the amount claimed may exceed the jurisdiction of such Court. The Purchaser shall be liable to O-line for all expenses incurred in collecting any amount owing by the Purchaser, including all legal charges on the scale as between attorney and own client, collection charges, tracing fees, and interest levied by O-line at the prevailing prime overdraft rate charged by Standard Bank plus 5% per annum in respect of payments not made timeously.

O-Line Support Systems (Pty) Ltd

Johannesburg
Reg No 1982/000082/07
PO. Box 6457
Johannesburg 2000
14/16 Prop Street
Selby Ext. 11
Johannesburg 2001
South Africa
Tel: (+27) 011-378-3700
Fax: (+27) 011-493-0048
email: o-line@o-line.com

O-Line Support Systems Pretoria (Pty) Ltd

Reg No 1982/000082/07
PO.Box 2039
Silverton 0127
The Willows Business Park
219 Battery Street
Silverton
Tswane
Pretoria
South Africa
Tel: (+27) 012-803-1803
Fax: (+27) 012-803-1733
email: o-linepta(@o-line.com

O-Line Support Systems Kwazulu-Natal

Reg No 1982/000082/07
PO.Box 2534
New Germany 3620
111 Escom Road
New Germany 3610
South Africa
Tel: (+27) 031-705-6355
Fax: (+27) 031-705-6358
email: o-linekzn@o-line.com

O-Line Support Systems Cape Town (Pty) Ltd

Reg No 1985/000416/07
PO.Box 506
Eppindust 7475
Unit 2
6 Thor Circle
Viking Place
Thornton 7460
Tel: (+27) 021-531-9071
Fax: (+27) 021-531-8092
email: o-linecpt@o-line.com

O-Line Support Systems Port Elizabeth

Reg No 1985/000416/07
PO.Box 1352
Port Elizabeth 6000
189 Grahamstown Road
Dealparty
Port Elizabeth 6001
Tel: (+27) 041-486-3674
Fax: (+27) 041-486-3667
email: o-linepe@o-line.com

O-Line Support Systems Bloemfontein

Reg No 1982/000082/07
Cnr Naude Du Toit & Frikkie Van Kraayenburg Str.
New East-End
Bloemfontein
Tel: (+27) 051-432-0707
Fax: (+27) 051-432-0708
email: o-linebfm@o-line.com

O-Line Mocambique Limitada

Reg No. 2009/1001240/68
Rua Beliluana
Parcela 510
Djuba, Matola- Rio
Tel: (00) 258-217 30243
Fax: (00)258-217 30244
email: vascol@o-line.com

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