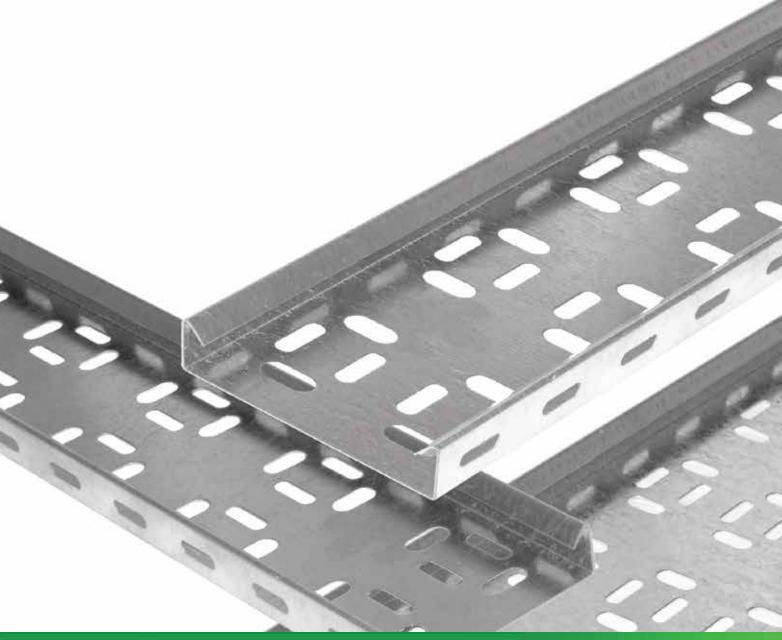


34 Mount Ida Road, Robertsham, 2091

Phone: 010 300 5600 / 011 492 2314

E-mail: info@css.za.com Web : www.css.za.com



product catalogue



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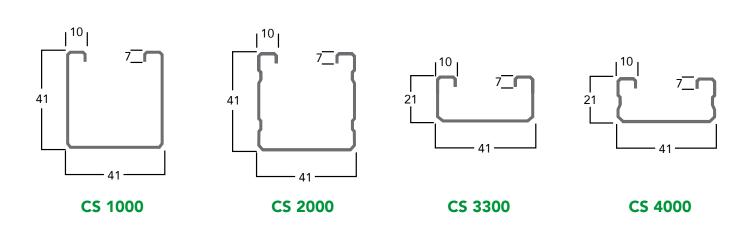
40

wiring channels



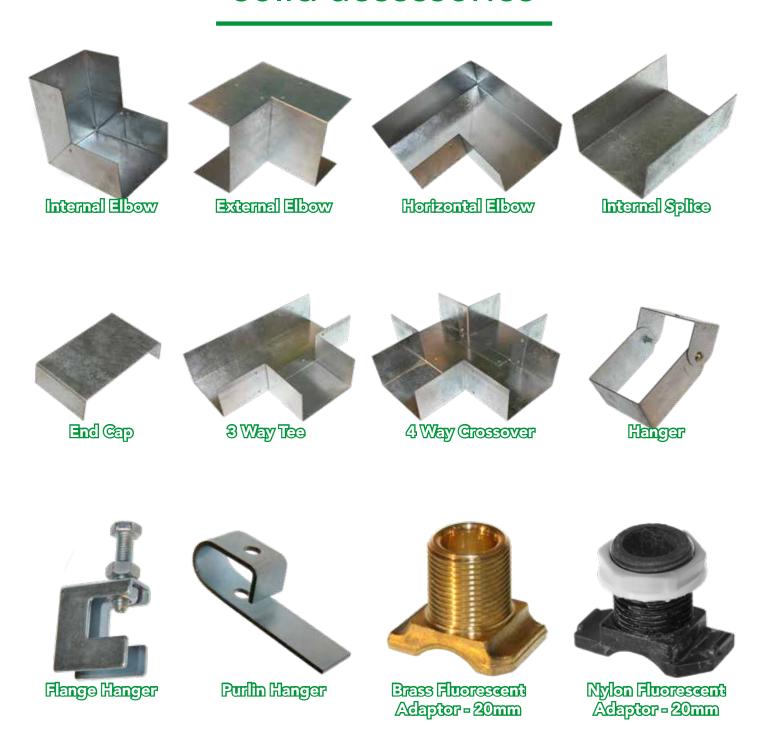
Ex-stock channels are finished galvanised | Ex-stock covers are finished Galvanised and PVC (white or grey)

technical measurements

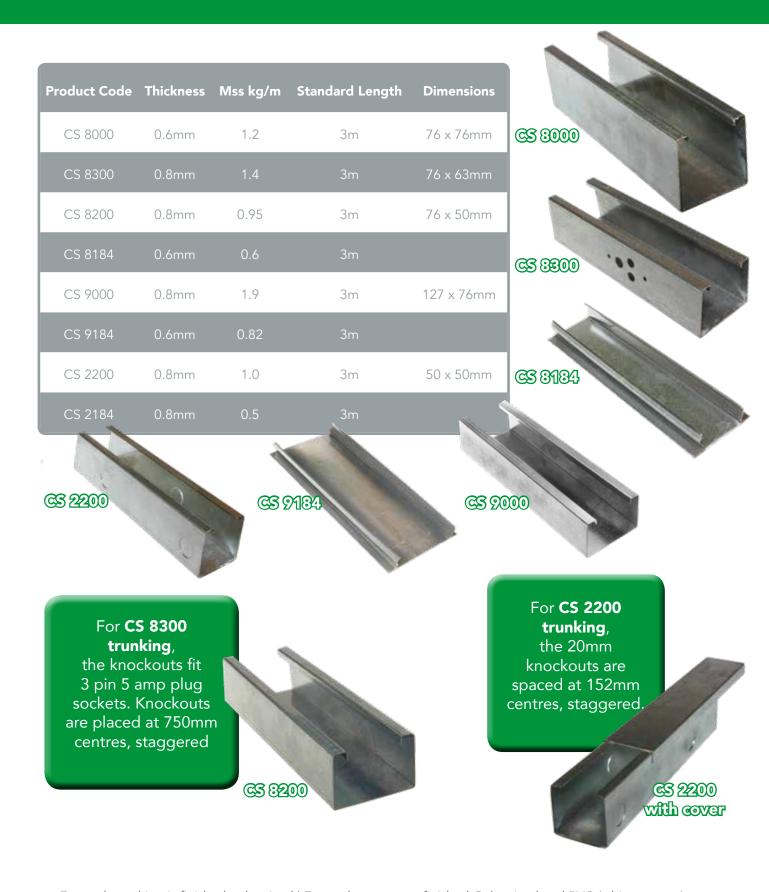


channel accessories

solid accessories



trunking & covers



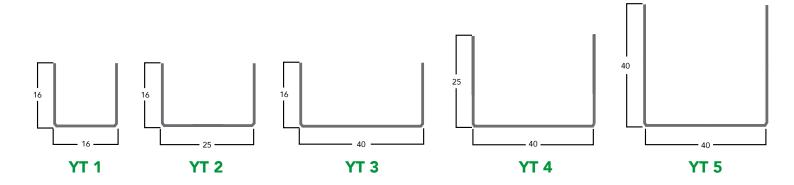
Ex-stock trunking is finished galvanised | Ex-stock covers are finished Galvanised and PVC (white or grey)

pvc trunking

compact miniature trucking

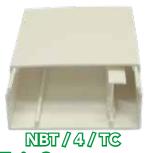


technical measurements



pvc trunking











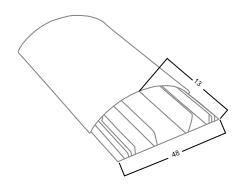
Corner Trunking

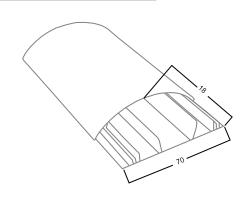


NET/4 Single Compartment



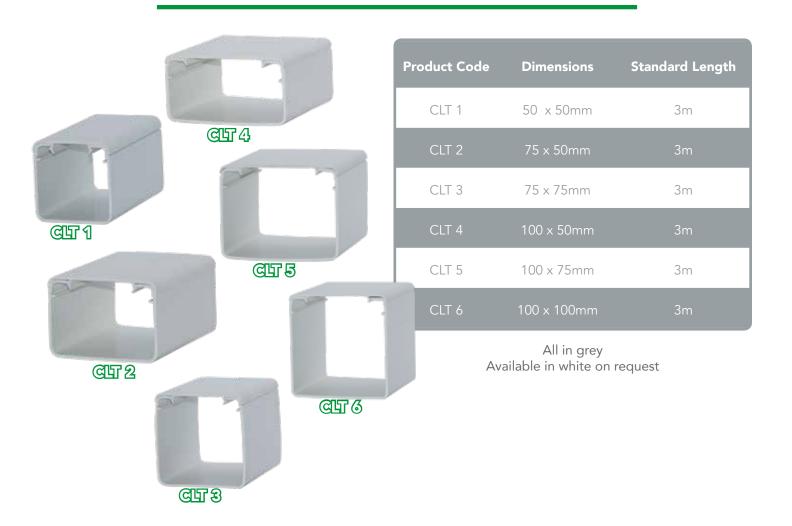
technical measurements



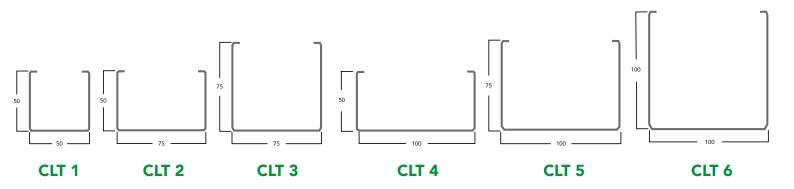


pvc trunking

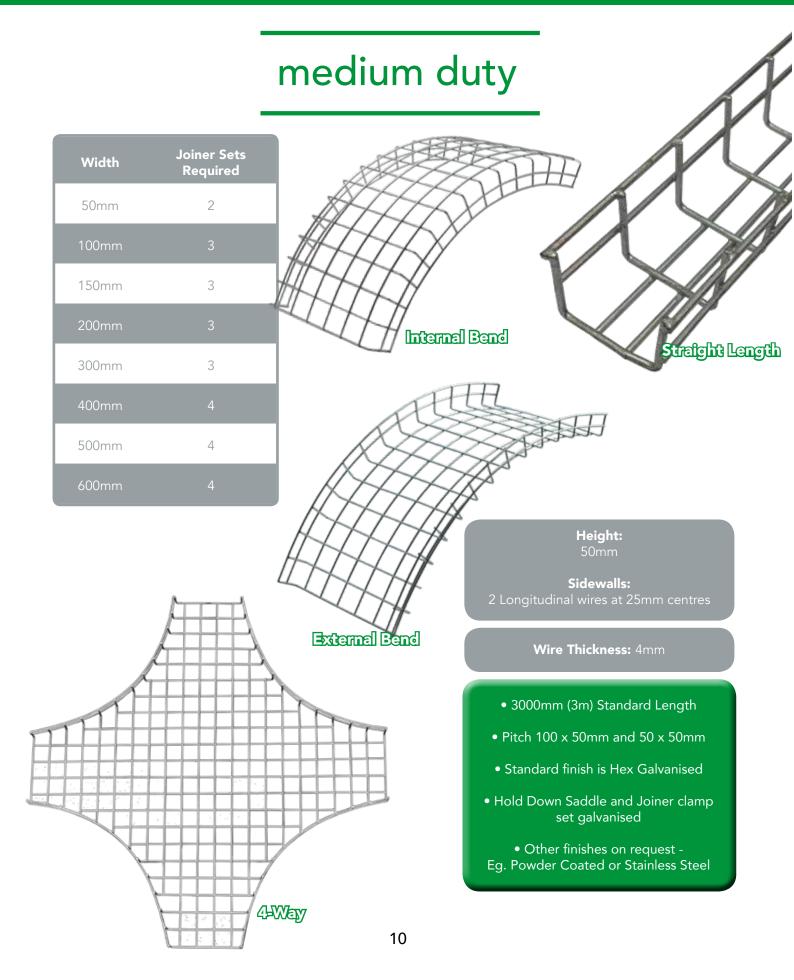
industrial cable trunking



technical measurements



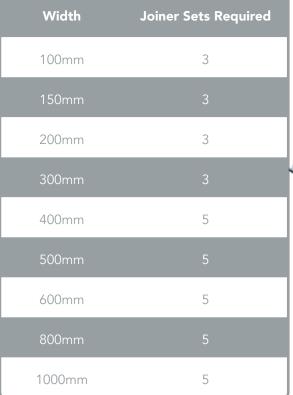
wire mesh cable trays

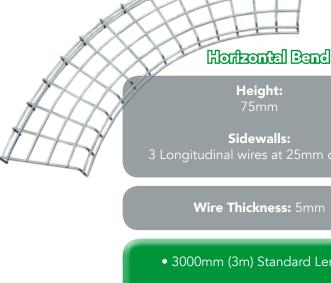


wire mesh cable trays

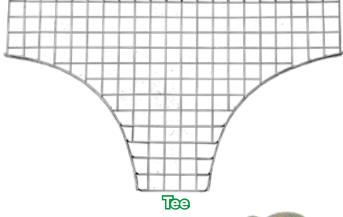
heavy duty

Width	Joiner Sets Required
100mm	3
150mm	3
200mm	3
300mm	3
400mm	5
500mm	5
600mm	5
800mm	5
1000mm	5





- 3000mm (3m) Standard Length
- Pitch 100 x 50mm and 50 x 50mm
- Standard finish is Hex Galvanised
- Hold Down Saddle and Joiner clamp set galvanised
- Other finishes on request -Eq. Powder Coated or Stainless Steel







Splice Clamp, Washer, Cup Square Boli & Nui



Clip-On Support Channel

Material Thickness: 1.6mm

- Horizontal or vertical installation
 - No saddles required
 - Bend over tabs to secure
 - 1200mm standard length

NOTE: Standard Accessories have a 450mm internal radius

return flange cable trays

medium & heavy duty

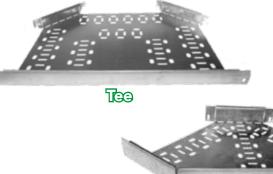
Width	Straight Tray	Standard Accessories	
50mm	1.0mm	1.0mm	
75mm	1.0mm	1.0mm	
100mm	1.0mm	1.0mm	
150mm	1.0mm	1.0mm	
225mm	1.0mm	1.0mm	
300mm	1.2mm	1.2mm 1/2mm	
450mm	1.5mm		
600mm	1.5mm	1.2mm	
750mm	1.5mm	1.5mm	
900mm	1.5mm	1.5mm	

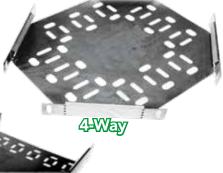
Sides Medium Duty: 27mm

Sides Heavy Duty: 50mm









12

Horizontal Bend

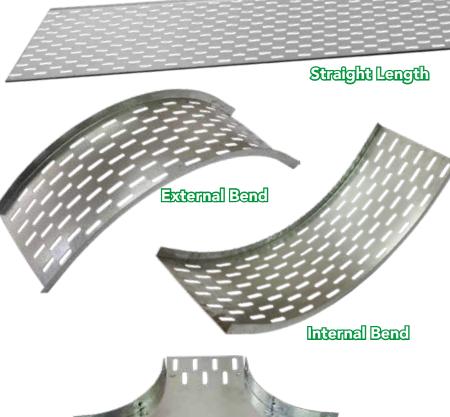
light duty cable trays



Standard Length: 3m

Slot Size: 25 X 6.5mm

Finish: Pre-Galvanised









Tray spliced by overlapping ends, fixed with gutter bolts and nuts

medium duty cable trays

Width	Height
76mm	38mm
114mm	38mm
152mm	38mm
228mm	38mm
304mm	38mm
457mm	38mm
609mm	38mm

Standard Length: 3m

Slot Size: 25 X 11mm

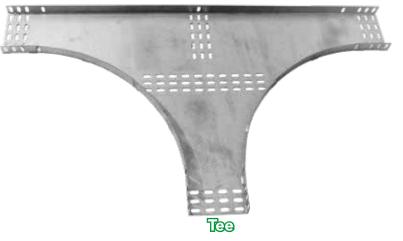
Finish: Hot Dip Galvanised





Horizontal Band





splice sets

Applicable to Medium and Heavy Duty Cable Trays

2 x Angle Splices - 8 x M10 x 20mm Mushroom head screws and nuts

1 x Centre Splice - 4 x M10 x 20mm Mushroom head screws and nuts

Centre Splice is supplied for trays 457mm and wider

The width of Medium & Heavy Duty Cable Tray is reduced by means of Reduction Splices

Trays & Accessories require the following splice sets:

Straight, Horizontal Bend, Internal Bend, External Bend & Reducers:1 x Angle Splice + 1 x Centre Splice

Tee: 2 x Angle Splice + 2 Centre Splice

4-Way: 3 x Angle Splice + 3 x Centre Splice



Medium Duty Angle Splice



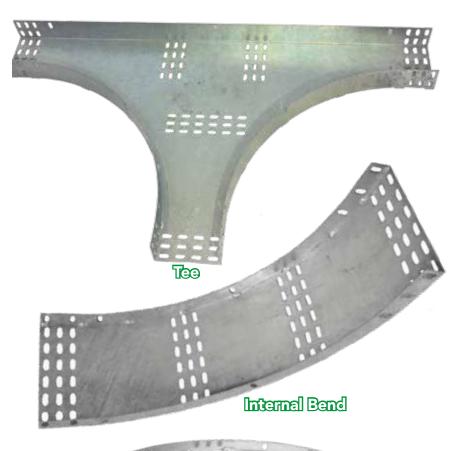
Centre Splice -Medium & Heavy Duty

heavy duty cable trays

Width	Height
76mm	76mm
114mm	76mm
152mm	76mm
228mm	76mm
304mm	76mm
457mm	76mm
609mm	76mm

Standard Length: 3m

Slot Size: 25 X 6.5mm





splice sets continued



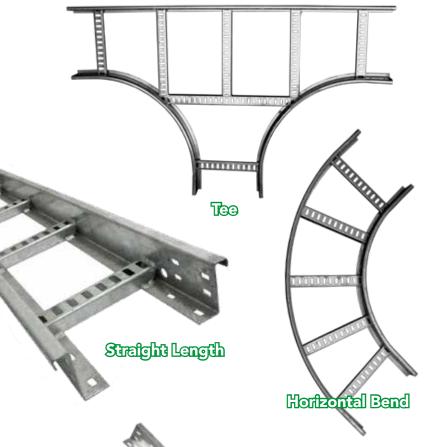
Heavy Duty Reduction Splice



Streight Length

strong span

Product	Width	Mass Kg/3m
CSS 75	150mm	15.1
CSS 75	200mm	15.7
CSS 75	300mm	17.1
CSS 75	400mm	18.4
CSS 75	500mm	19.7
CSS 75	600mm	21.1
CSS 75	800mm	23.7
CSS 75	1000mm	26.4







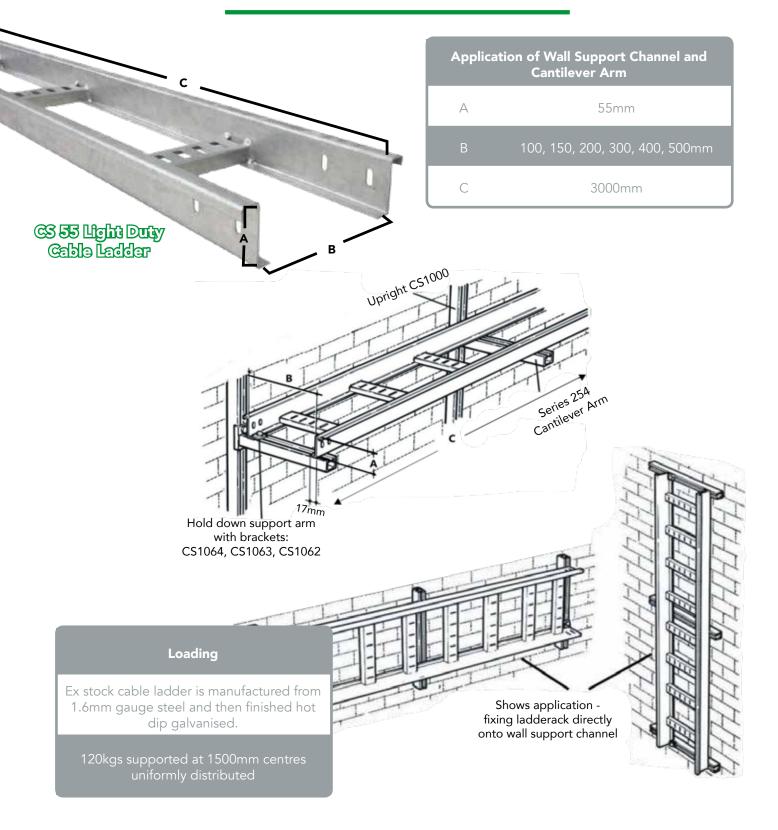
Internal Bend



Also available in 100mm & 150mm side rail on request

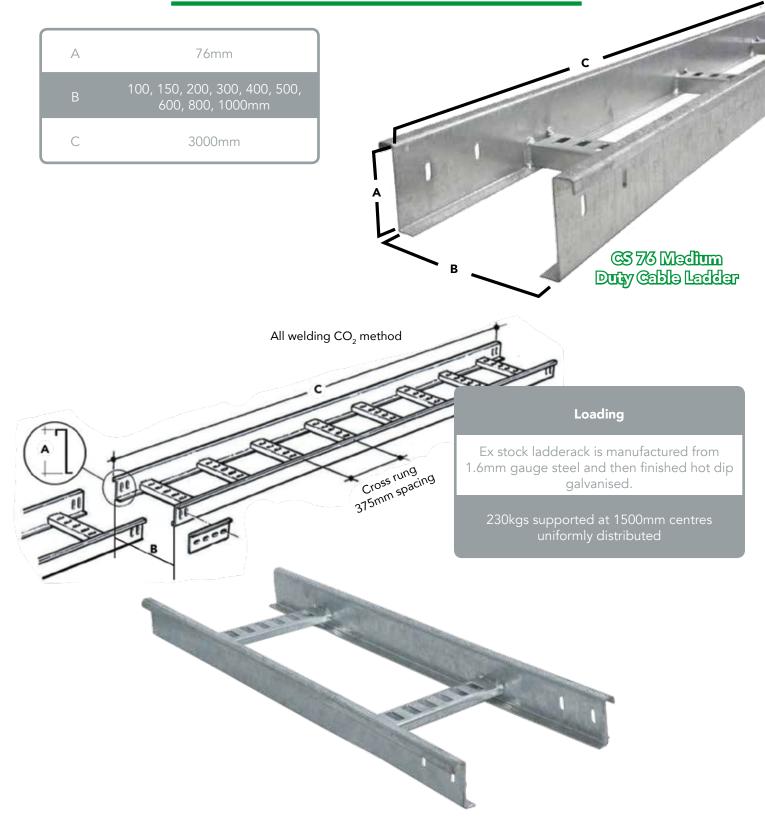
cable ladders

CL55 - light duty

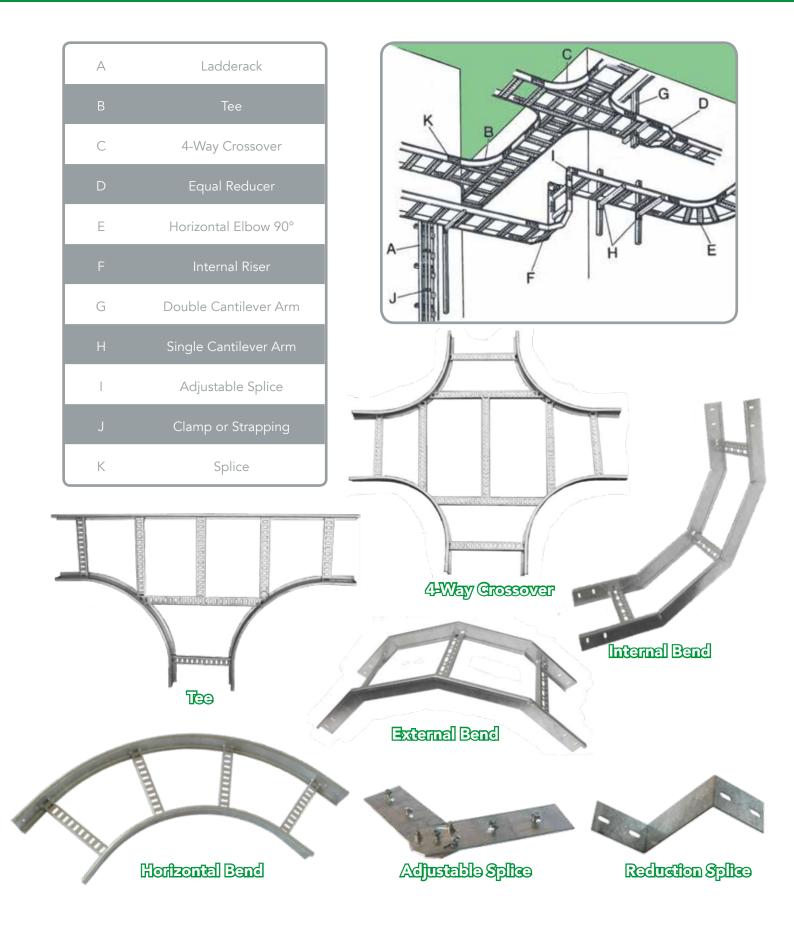


cable ladders

CL76 - medium duty



cable ladder accessories



cantilever arms

Thickness	Standard Length
2.5mm	150mm
2.5mm	200mm
2.5mm	250mm
2.5mm	350mm
2.5mm	450mm
2.5mm	550mm
2.5mm	650mm

single arm: 254 series



full double arms



Thickness	Length
2.5mm	650mm
2.5mm	850mm
2.5mm	1050mm

Thickness	Standard Length A	Standard Length B	
2.5mm	650mm	250mm	
2.5mm	850mm	300mm	
2.5mm	1050mm	350mm	

staggered arms



pre-packaged aircon sets



650mm slotted cantilever arm aircon set includes:

 $2 \times \text{slotted cantilever arms (FPA type)}$ 650mm length $\times 2.0 \text{mm}$ (CS 2000 arm)

back plate - 150mm x 45mm x 8mm - EPC

2 x backing channel 41mm x 41mm x 2.0mm thick (CS 1000) x 250mm long - EPC

4 x M10 x 75mm shield anchors

4 x M8 x 30mm hex set screws - EG

4 x M8 long spring nuts - EG

Standard colours available are Easter Oak / Motorcraft Grey Alternative colours are available on request Hot Dip Galvanised available ex stock

fixing brackets

flat plate brackets



ninety-degree angle brackets



fixing brackets

slotted brackets





base plates & beam clamps

base plates



beam clamps







cable & pipe clamps







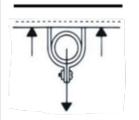
Ref No.	Length
Q14	14mm
Q16	16mm
Q20	20mm
Q26	26mm
Q32	32mm
Q40	40mm
Q46	46mm
Q52	52mm
Q58	58mm
Q66	66mm
Q70	70mm
Q78	78mm

two piece clamps



b	Product Code	Diameter	Screw Size	Thickness	Design Load
,	CS 2026 CS 2027 CS 2028 CS 1111 CS 2030	11.3 - 13.5mm 13 - 17mm 16.5 - 19.5mm 19 - 23mm 21 - 30mm	M6 x 20 Gutter Bolt & Nut	1.5mm	180kg
	CS 1112 CS 1113 CS 1114	24 - 29mm 32 - 36mm 38 - 44mm	M6 x 25 Gutter Bolt & Nut	2.0mm	270kg
	CS 1115 CS 2038 CS 1117 CS 2043 CS 1118 CS 1119	43 - 57mm 47 - 57mm 54 - 70mm 62 - 75mm 71 - 85mm 87 - 95mm	M8 x 35 HSS & Nut	2.5mm	360kg
	CS 1120 CS 1121 CS 1122 CS 1123	99 - 110mm 110 - 122mm 116 - 140mm 135 - 145mm	M10 x 50 HSS & Nut	2.9mm	450kg
	CS 1124 CS 1125 CS 1126 CS 1127 CS 1129	155 - 180mm 175 - 206mm 188 - 228mm 235 - 270mm 260 - 285mm	M10 x 60 HSS & Nut	3.3mm	450kg







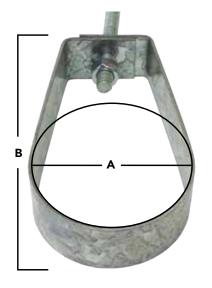


pipe hangers

cs 75 pipe hanger

Product Code	Length A	Length B
CS 75/15	21mm	65mm
CS 75/20	27mm	70mm
CS 75/25	34mm	75mm
CS 75/30	42mm	80mm
CS 75/40	48mm	90mm
CS 75/50	60mm	100mm
CS 75/60	76mm	120mm
CS 75/80	89mm	160mm
CS 75/100	114mm	200mm
CS 75/125	140mm	250mm
CS 75/150	166mm	300mm
CS 75/200	219mm	400mm





Suitable for hanging: Plumbing, Drainage, Sprinkler Pipes and more

fasteners

clamping nuts

Strength of CS 1 M12 Nuts used in CS 1000

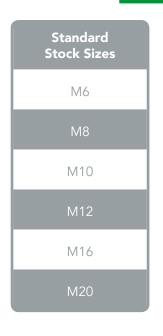
- Resistance to slip 350kg per bolt
 - Pull-out strength 700kg safe tension load per bolt • Safety Factor of 2

Product Code	Metric Size
CS 1	M6
CS 1	M8
CS 1	M10
CS 1	M12





screws, nuts & washers





नी कुला Andhor



CS 4000 Channels



Tibreaded Rods







power skirting: 4, 3, 2, or single compartment



CS 802 Single Compartment

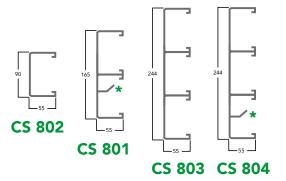


CS 301 Double Compartment



CS 303 & CS 304 Three & Four Compartment

technical measurements





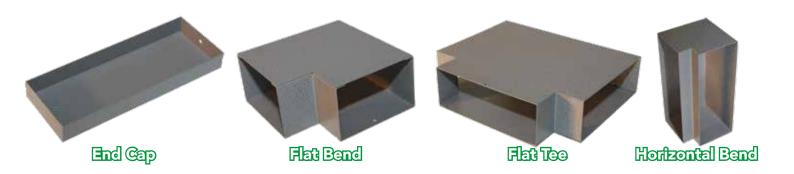


CSS 16 Amp Cover

* Divider available on request

Available in: Easter Oak, Hammertone Grey, Hospital Grey, Motorcraft Grey, Carrier Beige, Textured White, and Textured Black

power skirting accessories



power skirting: eco skirt pvc

eco/1 series with accessories



eco/2 series with accessories



power skirting: aluminium

single compartment



double compartment



switching accessories

veti



13 Amp 880



16A Standard eltboM



Standard Switch



16A Declicated **Modula**



Declicated Switch

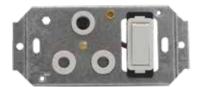


Vett 16 Amp & 3 Pln Combo

crabtree: classic



16A Dedicated SSO Blue 6396HD



16/A*SS*0 **3323H**



16A Declicated *5*50 Red 6393HD

crabtree: diamond



163A DED 80 Eltra 11451



13A DED 80 Red 11451



13A80 White 11915



Normal Switch



11201



Shuko SO Mod 11459



13A SO MOD 1119241



DR3 PIN



Single USB



MMQH eldwod



DUS RIAS Data/Tel Socket

under floor box

power box

Product	Dimensions
Small	100 x 100 x 80mm
Mini	145 x 215 x 70mm
Standard	200 x 260 x 75mm













Underfloor Trunking



floor pedestals









Legrand Single Pop-Up Back Box 0 540 00



Legrand Double
Pop-Up Back Box
0 540 02



Legrand Single Pop-Up Pedestal Complete 0 540 10



Legrand Double Pop-Up Pedestal Complete 0 540 12

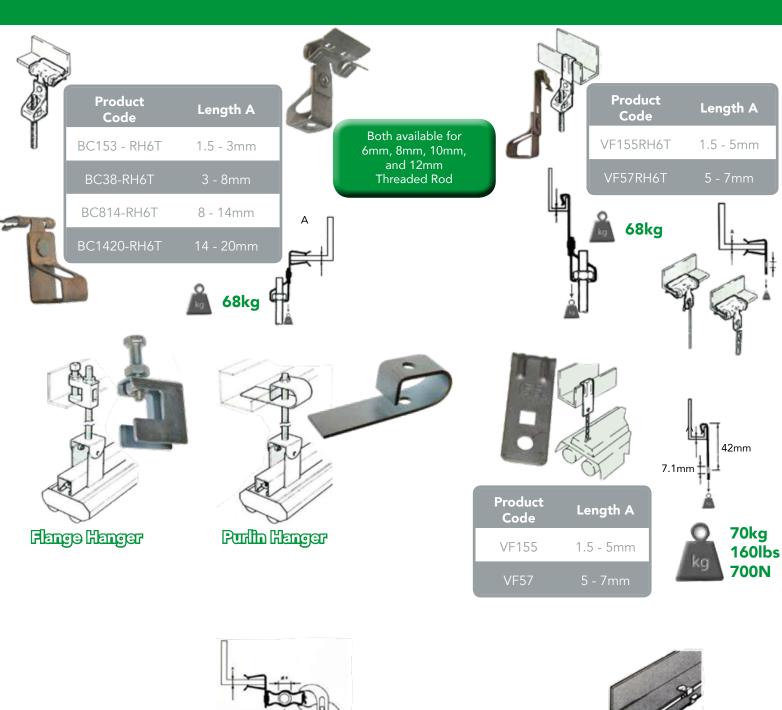
power poles



Poles are available in standard lengths of 3, 3.5, 4, and 4,5 metres.

The pole is supplied complete with PVC covers, floor pad, ceiling flange and jack assembly. Finished in a natural anodised aluminium with grey PVC covers.

caddy clips & clamps







structural design data

Beamloads:

Allowable uniformly distributed loads are listed for various simple spans. That is, bean on two supports. If load is concentrated at centre of span, multiply load from table by 0.5 and corresponding deflection by 0.8.

Working Stress: 135 N/mm:

Recommended for use where deflection is not a factor on long spans.

Deflection:

This is the vertical displacement of a product under load, measured on the flanges at mid-span. Deflection under load is not directly related to the strength of the product but visually it is of obvious aesthetic importance and for this reason may well be a principal design criterion. Deflection is directly

proportional to the applied load, thus doubling the load, will double the consequent deflection. Any load will, if applied at one cause approximately twice the product deflection that it would if the load were uniformly distributed along a complete span.

Span/200 - Recommended for use when deflection is a factor

Column Load:

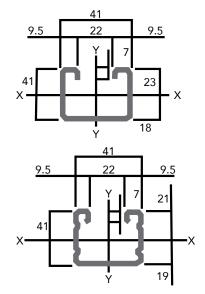
Column loadings are for allowable axial loads for the unsupported heights listed. If loads are eccentric, loads should be reduced according to Standard Practice Strength of M12 Spring Nuts used in CS 1000 Resistance to slip - 360kg per bolt

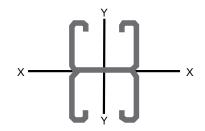
Pull Out Strength - 720kg per bolt Minimum Safety Factor -2

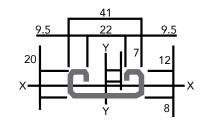
Beam Span or Column Unsupported Height (mm)	Product	UDL (kg) at Working Stress 125n/mm²	Deflection at Working Stress (mm)	UDL (kg) when Deflection equals Span 1/200	UDL (kg) when Deflection equals Span 1/360	Maximum Load- ing of Column (kg) S.F 1,6	Column Load at Slot Face S.F. 1,6
	P 1000	1264	0,17	-	-	4 268	1 216
	P 2000	899	0,2			2 714	844
250	P 3300	395	0,33	-	-	2 857	745
	P 400	305	0,33			1 872	559
	P 1000	632	0,83	-	-	4 105	1 202
F00	P 2000	446	0,7			2 622	835
500	P 3300	197	1,3	-	-	2 523	720
	P 4000	152				1 686	542
	P 1000	421	1,54	-	-	3 755	1 170
750	P 2000	297	1,6			2 410	812
750	P 3300	131	3,0	-	-	1 894	657
	P 4000	101	3,0		94	1 336	499
	P 1000	316	2,1	-	71	3 131	1 102
1.000	P 2000	224	2,8			1 976	756
1 000	P 3300	98	5,2	95	222	1 258	559
	P 4000	76		70	55	924	428
	P 1000	252	4,3	-	40	2 467	1 006
4.050	P 2000	178			142	1 480	670
1 250	P 3300	79	8,1	61	33	856	463
	P 4000	61	8,2	46	25	637	354
	P 1000	210	6,2	-	142	1 970	912
1500	P 2000	148	6,3		98	1 121	585
1500	P 3300	65	11,7	42	23	-	-
	P 4000	50	12,0	32	17	-	-

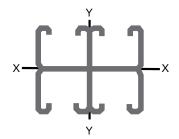
structural design data

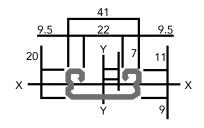
Beam Span or Column Unsupported Height (mm)	Product	UDL (kg) at Working Stress 125n/mm²	Deflection at Working Stress (mm)	UDL (kg) when Deflection equals Span 1/200	UDL (kg) when Deflection equals Span 1/360	Maximum Load- ing of Column (kg) S.F 1,6	Column Load at Slot Face S.F. 1,6
_	P 1000	180	8,4	-	104	1 620	829
1.750	P 2000	127	8,6	-	72	880	512
1 750	P 3300	56	15,9	31	17	-	-
	P 400	43	16,2	23	13	-	-
	P 1000	158	11,0	144	80	1 365	757
2 000	P 2000	111	11,2	100	55	716	452
2 000	P 3300	49	20,8	20	14	-	-
	P 4000	38	21,2	18	10	-	-
_	P 1000	140	13,8	114	63	1 172	694
2 250	P 2000	99	14,2	79	44	599	402
2 250	P 3300	44	26,2	18	10	-	-
	P 4000	33	26,7	-	-	-	-
	P 1000	126	17,1	92	37	1 021	638
2 500	P 2000	89	17,5	64	35	512	361
2 300	P 3300	39	32,3	15	8	-	-
	P 4000	30	33,0	-	-	-	-
_	P 1000	114	20,7	76	42	-	-
2 750	P 2000	81	21,1	52	29	-	-
2 / 50	P 3300	35	39,0	12	7	-	-
	P 4000	27	40,0	-	-	-	-
	P 1000	105	34,6	64	35	-	-
3 000	P 2000	74	25,2	44	24	-	-
3 000	P 3300	32	46,5	10	5	-	-
	P 4000	25	47,0				-



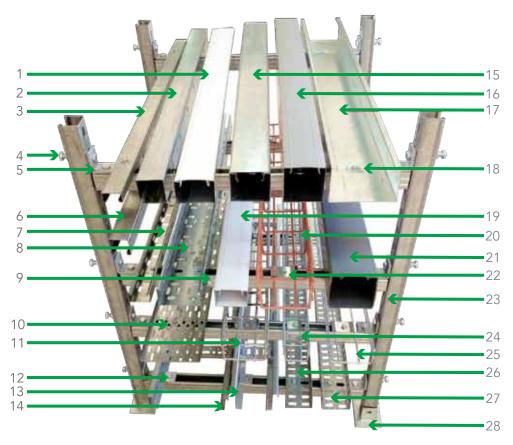








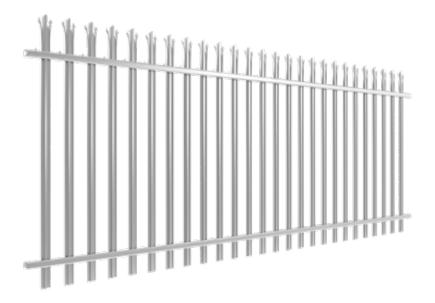
product layout



1	CS 8200 Channel C/W White PVC Cover	15	CS 8300 Channel C/W PG Cover
2	CS 2200 Channel C/W PG Cover	16	CS 8000 Channel C/W Grey PVC Cover
3	CS 4000 Channel	17	CS 9000 Channel
4	M10 x 35mm Hex Set Screw	18	8mm Fender Washer
5	1068 Angle Bracket	19	CS 8200 Channel White C/W White PVC Cover
6	CS 2000 1mm Support Channel	20	CS 75 100mm Heavy Duty Wire Mesh E/ Orange 100/50 Aperture
7	R/Flange Medium Duty 50mm Tray	21	CLT 3 PVC Industrial Trunking Grey
8	R/Flange Heavy Duty 100mm Tray	22	Wire Mesh Hold Down Saddle
9	CS 2000 1.6mm Support Channel	23	CS 1000 Slotted Channel
10	Light Duty Cable Tray 152mm	24	GS 50 50mm Wire Mesh 50/50 Aperture
11	GS 50 100mm Wire Mesh 50/50 Aperture	25	GS 50 100mm Wire Mesh 100/50 Aperture
12	1062 Square Washer	26	Heavy Duty Cable Tray 76mm
13	CL 76 100mm Cable Ladder	27	Medium Duty Cable Tray 76mm
14	CL 55 200mm Cable Ladder	28	2072/S1 Base Plate

additional products

- epoxy coated products
- stainless steel products
- floor trunking
- power mast
- supermarket trunking
- 4 x 4 steel & pvc plates
 (Blank or with 50 x 50 punch outs)
- special manufacture of items
 (to customer specifications and requirements)
 - palisade fencing at factory pricing





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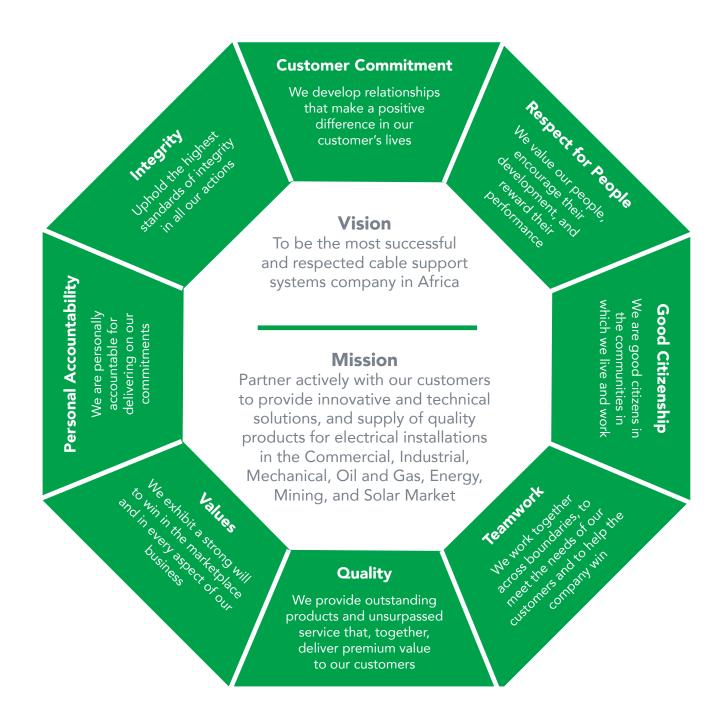
Johannesburg

34 Mount Ida Road, Robertsham, Johannesburg Tel: 011 492 2314

Fax: 011 492 2319

Email: enquiries@css.za.com or sales@css.za.com

Website: www.css.za.com



JOHANNESBURG:

CENTRAL SUPPORT SYSTEMS CC

TEL: 011 492 2314

EMAIL: SALES@CSS.ZA.COM

PRETORIA (REPRESENTED BY):

BEKEZELA SUPPORT SYSTEMS CC

TEL: 012 327 3237

EMAIL: BEKEZELA2@TELKOMSA.NET

NAMIBIA:

CENTRAL SUPPORT SYSTEMS CC

TEL: (061) 308 406 TEL: (061) 308 408

BOTSWANA (REPRESENTED BY):

M&P CABLES AND ELECTRICAL (PTY) LTD

TEL: (267) 395 1270

ZAMBIA:

PIONEER POWER TECHNIQUES (PTY) LTD

TEL: +260 211 238729/93

EMAIL: PIONEERPOWER@ZAMTEL.ZM

