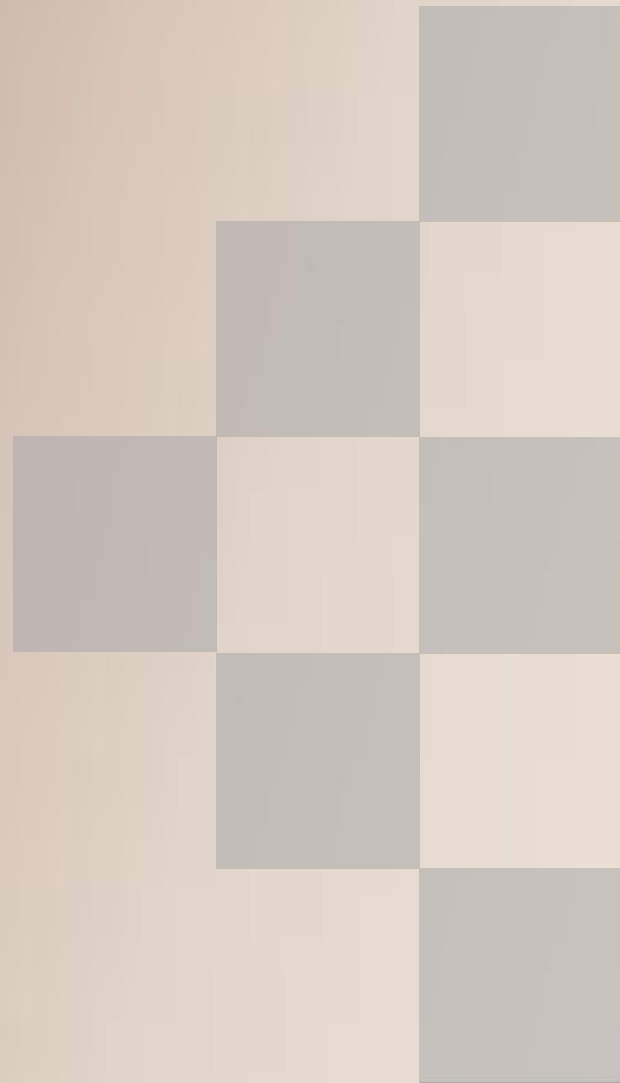
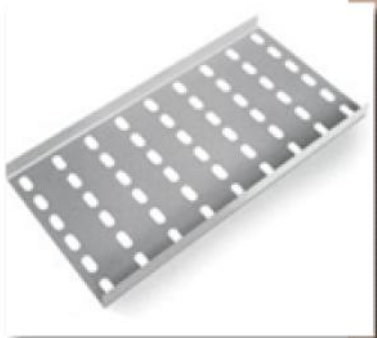


# CTS

## CABLE SUPPORT MANAGEMENT SYSTEM





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## THE COMPANY

**GS GLOBAL METAL PTE LTD** is a distributor for **CTS** Cable Support Management Systems which is an established brand name in both Singapore and Malaysia Construction Industry for over a decade. With our factory strategically located at Malaysia's state of Johor, we ensure timely deliveries to satisfy our client's needs.

The ability of our skilled and experienced team are well equipped to fully understands the demands of our customers to meet their expectations, that sets us apart from the rest of our competitors.

## THE PRODUCT

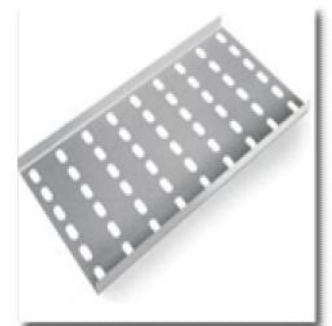
Products in this catalogue are manufactured to the highest quality in accordance to the relevant specifications and material standards. We employ stringent Quality control and procedures from the selection of raw materials to the manufacturing process to ensure customers satisfactions.

As a result, **CTS** cable support management systems are widely use in major projects throughout Singapore and Malaysia.



### CTS Product range includes:

- Singapore Standard SS249: 1981 Class 1 Cable Trunkings and accessories.
- Epoxy or Hot-dipped Galvanized Steel Cable Trunkings.
- Epoxy or Hot-dipped Galvanized Steel Perforated Cable Trays
- Cable Trays with Return Flange.
- Cable Ladders (Knock-Down type)
- Cable Ladders (Welded type)
- ZAM finished Cable Trunkings, Trays and Ladders.

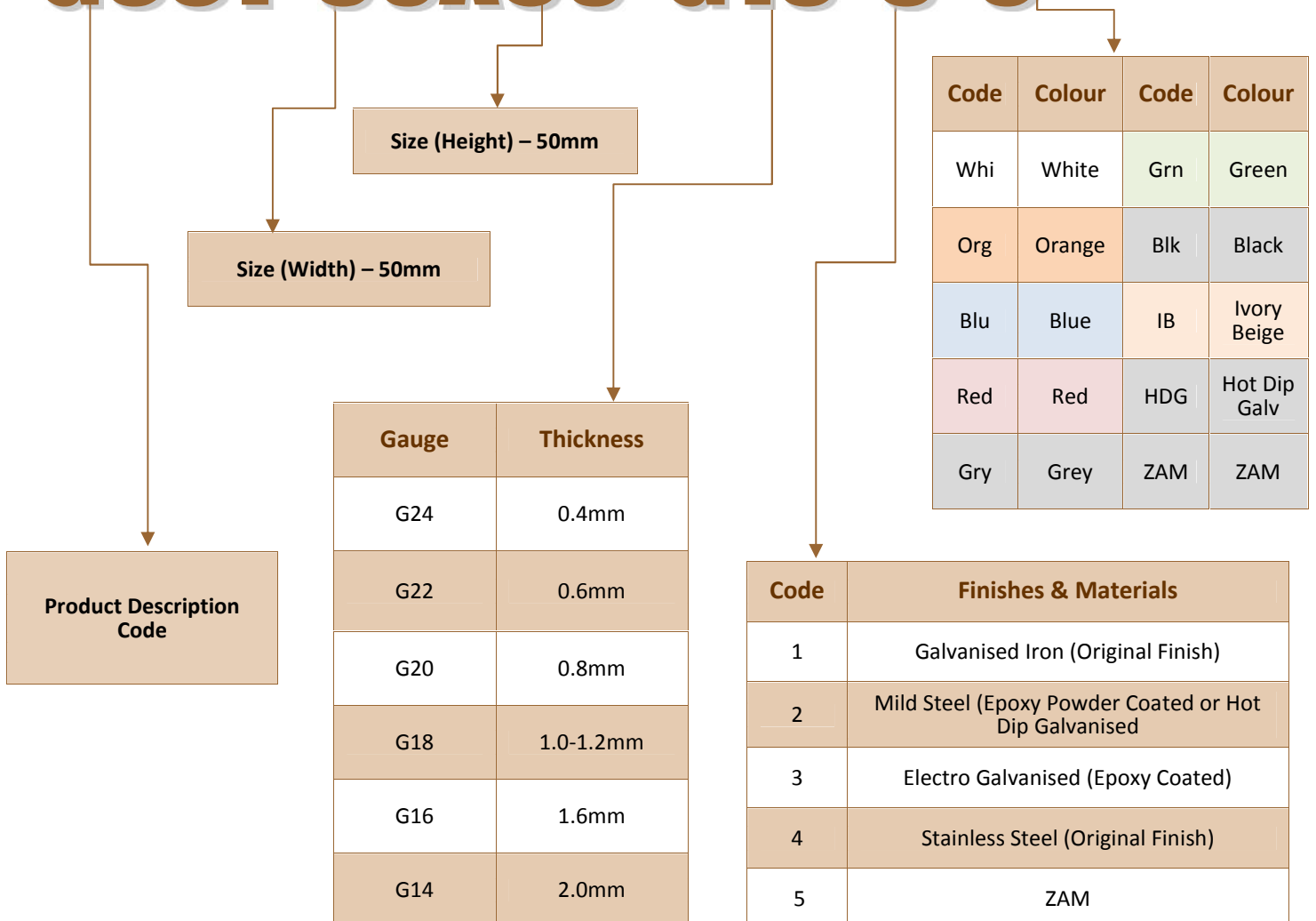


# INSTRUCTION FOR REFERENCE NUMBER

Product Description Code	
Straight Length Cable Trunking & Fittings	
GSST	Singapore Standard 249
GCT	Straight Length Cable Trunking
GCTF-FE45	45° Flat Elbow
GCTF-FE90	90° Flat Elbow
GCTF-FCP	Flat 4 Way Cross Piece
GCTF-IB90	90° Internal Bend
GCTF-EB90	90° External Bend
GCTF-FET	Flat Equal Tee
GCTF-R	Reducer
GCTF-C	Coupler
GCTF-SE	Stop End

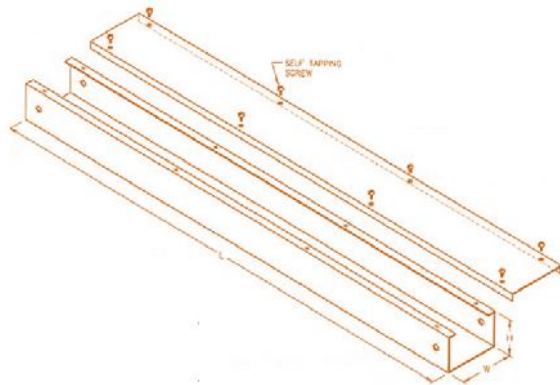
Product Description Code	
Straight Length Cable Tray & Fittings	
GTR	Straight Length Cable Tray
GTRF-OR90	90° Outside Riser
GTRF-IR90	90° Inside Riser
GTRF-R	Reducer
GTRF-CP	4-Way Cross Piece
GTRF-FB90	90° Flat Bend
GTRF-FET	Flat Equal Tee
GTRF-FC	Fish Plate Coupler

## GSST-50X50-G18-3-C



# SINGAPORE STANDARD CABLE TRUNKING SS249 CLASS 1

**Material** : Electro-Galvanized Steel Sheet to JIS G3313 SECC or BS EN 10152:2009 (where applicable)  
**Coating** : Epoxy Powder Coated of minimum film thickness 45 micron  
**Standard Colour** : White ,Beige Grey, Orange, Red (Other Colour available upon request)  
**Standard Length** : 2.44m  
**Complete with** : Coupler, Copper Link, Tapping Screw, Bolt and Nut



## SINGAPORE STANDARD SIZES, BODY AND COVER THICKNESS

PRODUCT CODE	NOMINAL SIZE (W X H)		THICKNESS		WEIGHT
	MM	INCHES	BODY (MM)	COVER (MM)	
GSST-50X25	50 x 25	2 x 1	1.0	1.0	3.7
GSST-50X50	50 x 50	2 x 2	1.0	1.0	4.9
GSST-75X50	75 x 50	3 x 2	1.2	1.2	7.0
GSST-100X50	100 x 50	4 x 2	1.2	1.2	8.3
GSST-100X75	100 x 75	4 x 3	1.2	1.2	9.4
GSST-100X100	100 x 100	4 x 4	1.4	1.2	11.3
GSST-125X50	125 x 50	5 x 2	1.4	1.2	9.9
GSST-150X50	150 x 50	6 x 2	1.4	1.2	11.1
GSST-150X75	150 x 75	6 x 3	1.4	1.2	12.5
GSST-150X100	150 x 100	6 x 4	1.4	1.2	13.8
GSST-150X150	150 x 150	6 x 6	1.4	1.2	16.5
GSST-175X50	175 x 50	7 x 2	1.4	1.2	12.4
GSST-200X50	200 x 50	8 x 2	1.6	1.4	15.7
GSST-200X75	200 x 75	8 x 3	1.6	1.4	17.2
GSST-200X100	200 x 100	8 x 4	1.6	1.4	18.8
GSST-200X150	200 x 150	8 x 6	1.6	1.4	21.8
GSST-225X50	225 x 50	9 x 2	1.6	1.4	17.1
GSST-250X50	250 x 50	10 x 2	1.6	1.4	18.6
GSST-275X50	275 x 50	11 x 2	1.6	1.4	20
GSST-300X50	300 x 50	12 x 2	1.6	1.6	22.8
GSST-300X75	300 x 75	12 x 3	1.6	1.6	24.3
GSST-300X100	300 x 100	12 x 4	1.6	1.6	26.2
GSST-300X150	300 x 150	12 x 6	1.6	1.6	29.1
GSST-350X50	350 x 50	14 x 2	1.6	1.6	25.9
GSST-375X75	375 x 75	15 x 3	1.6	1.6	28.9

# EPOXY STEEL CABLE TRUNKING (INDOOR USE)

Material	Finishes
Pre-galvanised Steel to BS EN10143:2006	Epoxy Coated
Hot Rolled Steel to BS1449: Part 1:1991	Epoxy Coated
Mild Steel to BS1449: Part 1: 1991	Epoxy Coated
Electro Galvanized Steel to BS EN 10152: 2009	Epoxy Coated



**Coating** : Epoxy Powder Coated of minimum film thickness 45 micron  
**Standard Colour** : White , Beige , Grey, Orange, Red (Other Colour available upon request)  
**Standard Length** : 2.44m  
**Complete with** : Coupler, Copper Link, Tapping Screw, Bolt and Nut.

EPOXY STEEL CABLE TRUNKING (INDOOR USE)							
PRODUCT CODE	NOMINAL SIZE (W X H)		THICKNESS				
	MM	INCHES	MM				
GCT-50X25	50 x 25	2 x 1	0.6	0.8	1.0	1.2	
GCT-50X50	50 x 50	2 x 2	0.6	0.8	1.0	1.2	
GCT-75X50	75 x 50	3 x 2	0.6	0.8	1.0	1.2	
GCT-100X50	100 x 50	4 x 2	0.6	0.8	1.0	1.2	
GCT-125X50	125 x 50	5 x 2	0.6	0.8	1.0	1.2	
GCT-150X50	150 x 50	6 x 2	0.6	0.8	1.0	1.2	
GCT-75X75	75 x 75	3 x 3	0.6	0.8	1.0	1.2	
GCT-100X75	100 x 75	4 x 3	0.6	0.8	1.0	1.2	
GCT-125X75	125 x 75	5 x 3	-	0.8	1.0	1.2	
GCT-150X75	150 x 75	6 x 3	-	0.8	1.0	1.2	
GCT-200X75	200 x 75	8 x 3	-	0.8	1.0	1.2	
GCT-250X75	250 x 75	10 x 3	-	-	1.0	1.2	
GCT-300X75	300 x 75	12 x 3	-	-	1.0	1.2	
GCT-100X100	100 x 100	4 x 4	-	0.8	1.0	1.2	
GCT-125X100	125 x 100	5 x 4	-	0.8	1.0	1.2	
GCT-150X100	150 x 100	6 x 4	-	0.8	1.0	1.2	
GCT-200X100	200 x 100	8 x 4	-	0.8	1.0	1.2	
GCT-250X100	250 x 100	10 x 4	-	-	1.0	1.2	
GCT-300X100	300 x 100	12 x 4	-	-	1.0	1.2	
GCT-300X150	300 x 150	12 x 6	-	-	1.0	1.0	

# HOT DIP GALVANIZED/ZAM CABLE TRUNKING (OUTDOOR USE)

Material	Available Finishes
Hot Rolled Steel to BS1449: Part 1:1991	Hot Dipped Galvanized to BS EN ISO:1461:2009
Electro Galvanized Steel to BS EN 10152: 2009	Hot Dipped Galvanized to BS EN ISO:1461:2009
<b>ZAM Finishing</b>	Original Finish
Stainless Steel Grade AISI 304, 316 or 316L	Original Finish



**Standard Length : 2.44m**

**Complete with : Coupler, Copper Link, Tapping Screw, Bolt and Nut.**



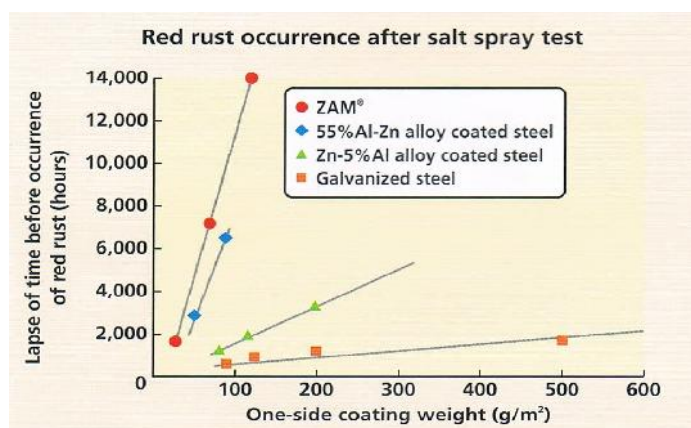
## Comparison of properties with various types of coated steel sheets

### Durability of flat parts

Time to occurrence of red rust in salt spray test (SST : JIS Z2371)

ZAM® has better resistance to red rust than hot dip galvanized steel sheet (Paintite B) and zinc-5% aluminum alloy coated.

The level of its corrosion resistance rivals that of 55% aluminum-zinc alloy coated (Galvastar).

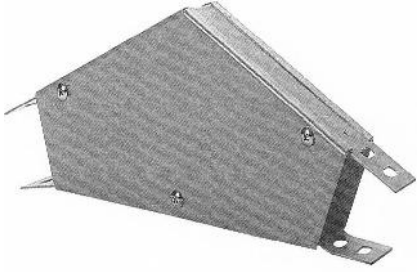


## HOT-DIP GALVANIZED/ZAM STEEL CABLE TRUNKING (OUTDOOR USE)

PRODUCT CODE	NOMINAL SIZE (W X H)		THICKNESS		
	MM	INCHES	MM		
GCT-50X25	50 x 25	2 x 1	1.0	1.2	1.4
GCT-50X50	50 x 50	2 x 2	1.0	1.2	1.4
GCT-75X50	75 x 50	3 x 2	1.0	1.2	1.4
GCT-100X50	100 x 50	4 x 2	1.0	1.2	1.4
GCT-125X50	125 x 50	5 x 2	1.0	1.2	1.4
GCT-150X50	150 x 50	6 x 2	1.0	1.2	1.4
GCT-75X75	75 x 75	3 x 3	1.0	1.2	1.4
GCT-100X75	100 x 75	4 x 3	1.0	1.2	1.4
GCT-125X75	125 x 75	5 x 3	-	1.2	1.4
GCT-150X75	150 x 75	6 x 3	-	1.2	1.4
GCT-200X75	200 x 75	8 x 3	-	1.6	-
GCT-250X75	250 x 75	10 x 3	-	1.6	2.0
GCT-300X75	300 x 75	12 x 3	-	1.6	2.0
GCT-100X100	100 x 100	4 x 4	-	1.2	1.4
GCT-125X100	125 x 100	5 x 4	-	1.2	1.4
GCT-150X100	150 x 100	6 x 4	-	1.2	1.4
GCT-200X100	200 x 100	8 x 4	-	1.6	-
GCT-250X100	250 x 100	10 x 4	-	1.6	2.0
GCT-300X100	300 x 100	12 x 4	-	1.6	2.0
GCT-300X150	300 x 150	12 x 6	-	1.6	2.0

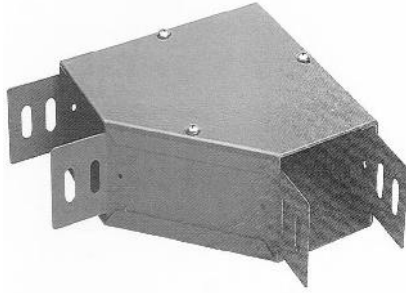
# CTS CABLE TRUNKING FITTINGS

45° Flat Elbow



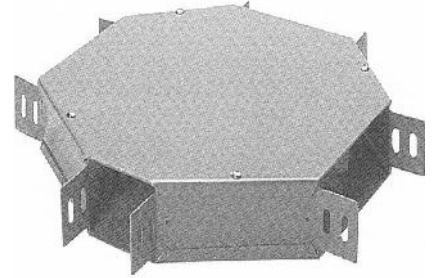
CODE: GCTF-FE45

90° Flat Elbow



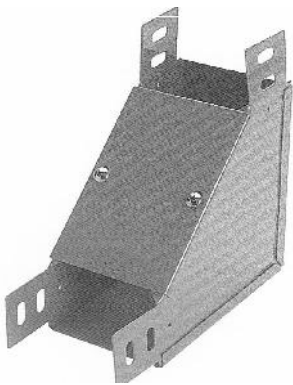
CODE: GCTF-FE90

Flat 4-Way Crosspiece



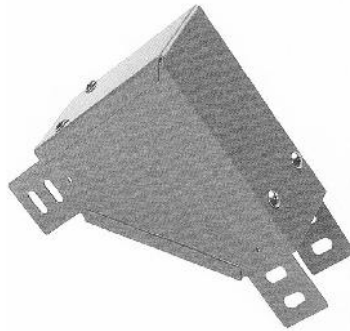
CODE: GCTF-FCP

90° Internal Bend



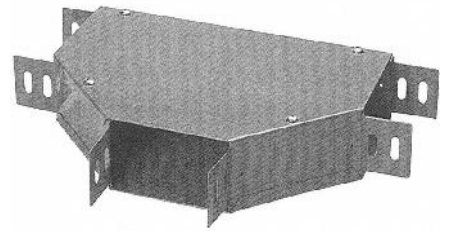
CODE: GCTF-IB90

90° External Bend



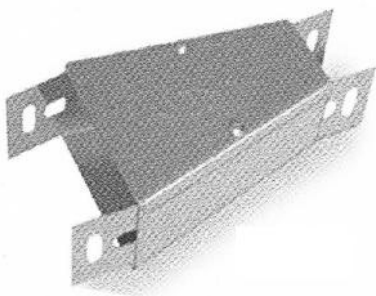
CODE: GCTF-EB90

Flat Equal Tee



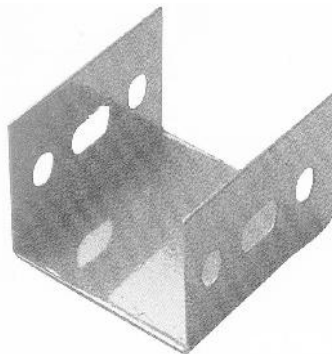
CODE: GCTF-FET

Reducer



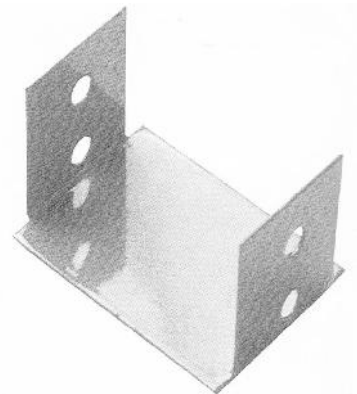
CODE: GCTF-R

Coupler



CODE: GCTF-C

STOP END



CODE: GCTF-SE

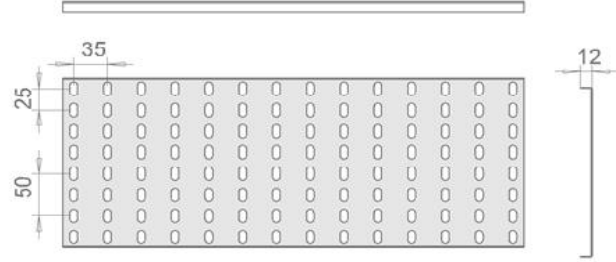


# CTS PERFORATED CABLE TRAY STRAIGHT EDGE



INDOOR USE	
Material	Available Finishes
Pre-galvanised Steel to BS EN10143:2006	Original Finish
Hot Rolled Steel to BS1449: Part 1:1991	Epoxy Coated
Mild Steel to BS1449: Part 1: 1991	Epoxy Coated
Electro Galvanized Steel to BS EN 10152: 2009	Epoxy Coated
Hot Rolled Steel to BS1449: Part 1:1991	Hot Dipped Galvanized to BS EN ISO:1461:2009 and Epoxy Coated
Stainless Steel Grade AISI 304, 316 or 316L	Original Finish

OUTDOOR USE	
Material	Available Finishes
Hot Rolled Steel to BS1449: Part 1:1991	Hot Dipped Galvanized to BS EN ISO:1461:2009
Electro Galvanized Steel to BS EN 10152: 2009	Hot Dipped Galvanized to BS EN ISO:1461:2009
ZAM Finishing	Original Finish
Stainless Steel Grade AISI 304, 316 or 316L	Original Finish

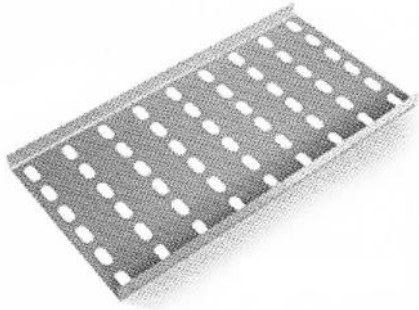


INDOOR USE (EPOXY POWDER COATED CABLE TRAY)							FLANGE HEIGHT
Size (mm)	0.8mm (G20)	1.0mm (G18)	1.2mm (G18)	1.4mm (G16)	1.6mm (G16)	2.0mm (G14)	
50	✓	✓	✓	✓	✓	✓	12mm
75	✓	✓	✓	✓	✓	✓	12mm
100	✓	✓	✓	✓	✓	✓	12mm
150	✓	✓	✓	✓	✓	✓	12mm
200	✓	✓	✓	✓	✓	✓	12mm
250		✓	✓	✓		✓	20mm
300		✓	✓	✓		✓	20mm
350		✓	✓	✓		✓	20mm
400		✓	✓	✓		✓	20mm
450			✓	✓			20mm
600				✓			20mm
700				✓			20mm
750				✓			20mm
900				✓			20mm

OUTDOOR USE						FLANGE HEIGHT
Size (mm)	1.0mm (G18)	1.2mm (G18)	1.4mm (G16)	1.6mm (G16)	2.0mm (G14)	
50	✓	✓	✓			12mm
75	✓	✓	✓			12mm
100	✓	✓	✓			12mm
150	✓	✓	✓	✓		12mm
200		✓	✓	✓		12mm
250		✓	✓	✓	✓	20mm
300				✓	✓	20mm
350				✓	✓	20mm
400					✓	20mm
450					✓	20mm
600					✓	20mm
700					✓	20mm
750					✓	20mm
900					✓	20mm

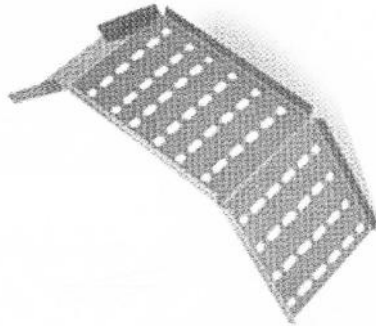
# CTS CABLE TRAY ACCESSORIES

Straight Tray



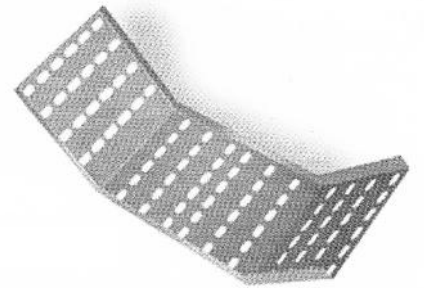
CODE: GTR

90° Outside Riser



CODE: GTRF-OR90

90° Inside Riser



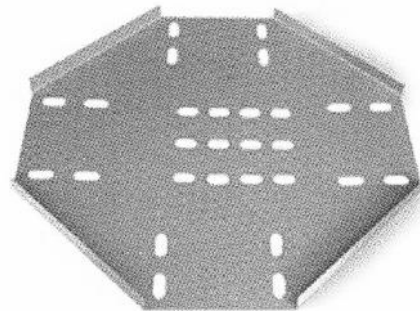
CODE: GTRF-IR90

Reducer



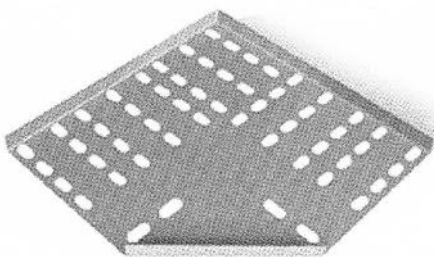
CODE: GTRF-R

4-Way Crosspiece



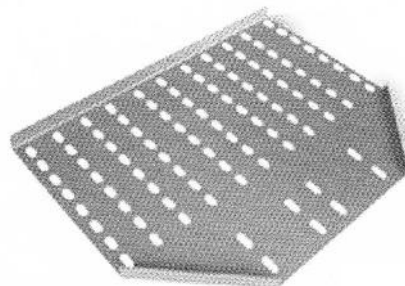
CODE: GTRF-CP

90° Flat Bend



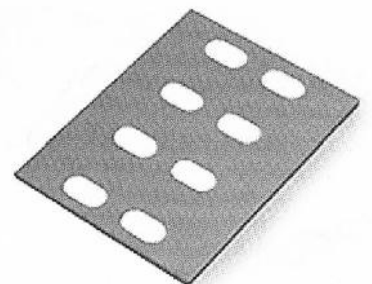
CODE: GTRF-FB90

Flat Equal Tee



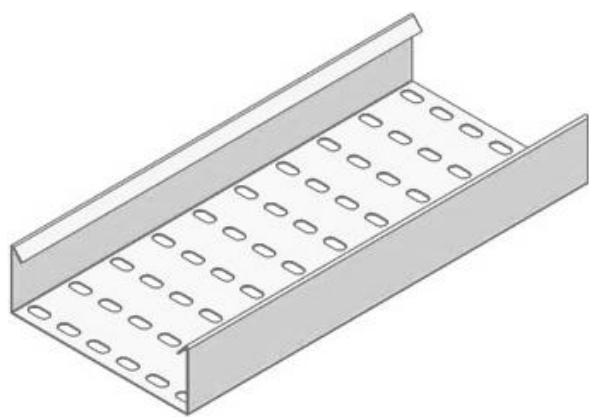
CODE: GTRF-FET

Fishplate Coupler

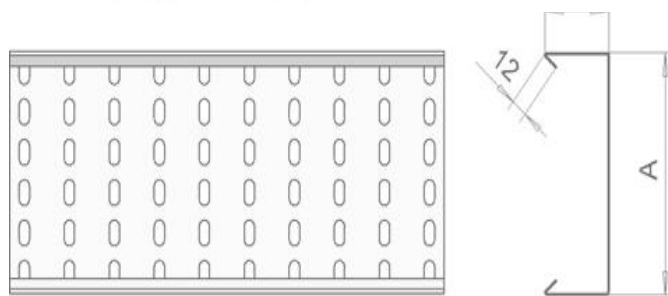


CODE: GTRF-FC

# CTS RETURN FLANGE PERFORATED CABLE TRAY



## PERFORATION PATTERN DETAILS



INDOOR USE	
Material	Available Finishes
Pre-galvanised Steel to BS EN10143:2006	Original Finish
Hot Rolled Steel to BS1449: Part 1:1991	Epoxy Coated
Mild Steel to BS1449: Part 1: 1991	Epoxy Coated
Electro Galvanized Steel to BS EN 10152: 2009	Epoxy Coated
Hot Rolled Steel to BS1449: Part 1:1991	Hot Dipped Galvanized to BS EN ISO:1461:2009 and Epoxy Coated
Stainless Steel Grade AISI 304, 316 or 316L	Original Finish

OUTDOOR USE	
Material	Available Finishes
Hot Rolled Steel to BS1449: Part 1:1991	Hot Dipped Galvanized to BS EN ISO:1461:2009
Electro Galvanized Steel to BS EN 10152: 2009	Hot Dipped Galvanized to BS EN ISO:1461:2009
<b>ZAM</b> Finishing	Original Finish
Stainless Steel Grade AISI 304, 316 or 316L	Original Finish

Product Code	Standard Sizes Width (mm)	Gauge/Thickness (mm)
GRF-150	150	1.0 - 1.2
GRF-200	200	1.0 - 1.2
GRF-300	300	1.2 - 1.5
GRF-400	400	1.5 - 2.0
GRF-600	600	1.5 - 2.0
GRF-800	800	2.0
GRF-1000	1000	2.0

### Flange Height :

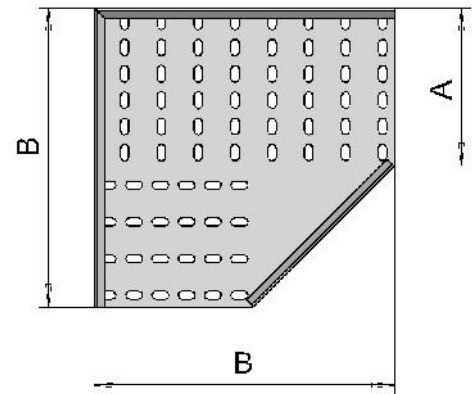
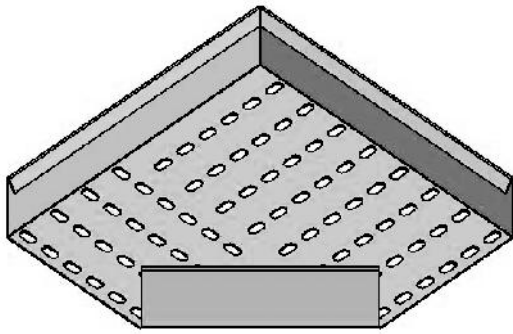
12.0mm for 50 – 225mm tray width

20.0mm for 300 – 900mm tray width

Other Flange Height available upon request

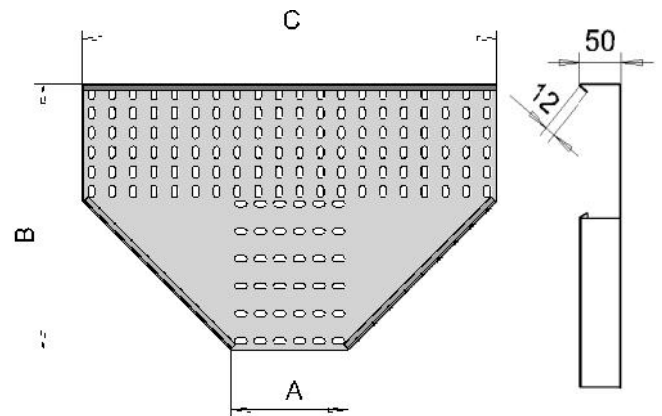
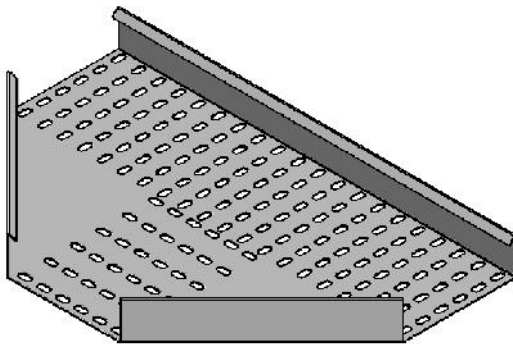
# CTS RETURN FLANGE PERFORATED CABLE TRAY FITTINGS

## 90° Flat Bend



Reference Number	Width (mm)	A (mm)	B (mm)	Thickness
GRFF-FB-100	100	100	285	18G or 16G
GRFF-FB-150	150	150	340	18G or 16G
GRFF-FB-250	250	250	450	18G or 16G
GRFF-FB-300	300	300	565	18G or 16G
GRFF-FB-450	450	450	715	18G or 16G
GRFF-FB-600	600	600	865	18G or 16G
GRFF-FB-750	750	750	1015	18G or 16G

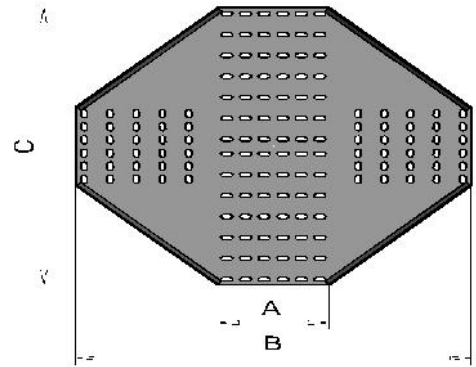
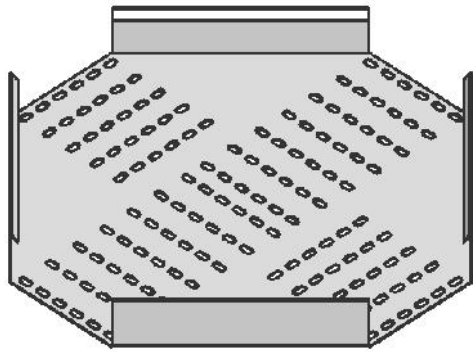
## Equal Flat Tee



Reference Number	Width (mm)	A (mm)	B (mm)	C (mm)	Thickness
GRFF-EFT-100	100	100	285	470	18G or 16G
GRFF-EFT-150	150	150	340	530	18G or 16G
GRFF-EFT-250	250	250	450	680	18G or 16G
GRFF-EFT-300	300	300	565	820	18G or 16G
GRFF-EFT-450	450	450	715	975	18G or 16G
GRFF-EFT-600	600	600	865	975	18G or 16G
GRFF-EFT-750	750	750	1015	1280	18G or 16G

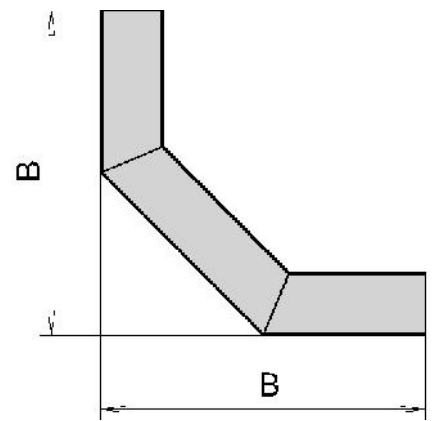
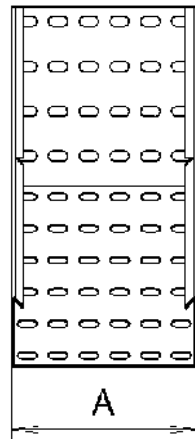
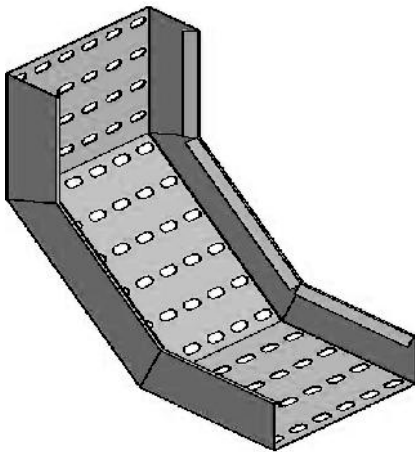
# CTS RETURN FLANGE PERFORATED CABLE TRAY FITTINGS

## 4-Way Crosspiece



Reference Number	Width (mm)	A (mm)	B (mm)	C (mm)	Thickness
GRFF-CP-100	100	100	470	470	18G or 16G
GRFF-CP-150	150	150	530	530	18G or 16G
GRFF-CP-250	250	250	680	680	18G or 16G
GRFF-CP-300	300	300	820	820	18G or 16G
GRFF-CP-450	450	450	975	975	18G or 16G
GRFF-CP-600	600	600	1130	1130	18G or 16G
GRFF-CP-750	750	750	1280	1280	18G or 16G

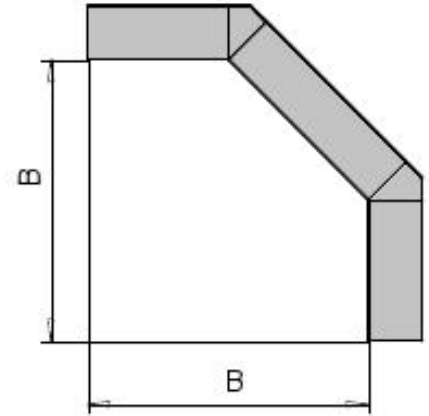
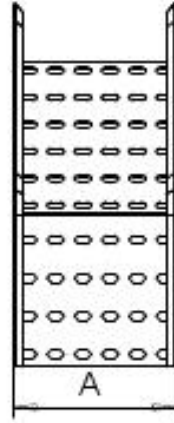
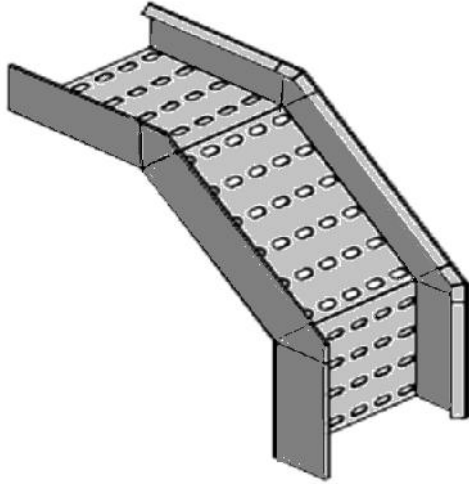
## 90° Inside Riser



Reference Number	Width (mm)	A (mm)	B (mm)	Thickness
GRFF-IR90-100	100	100	280	18G or 16G
GRFF-IR90-150	150	150	280	18G or 16G
GRFF-IR90-250	250	250	280	18G or 16G
GRFF-IR90-300	300	300	280	18G or 16G
GRFF-IR90-450	450	450	380	18G or 16G
GRFF-IR90-600	600	600	380	18G or 16G
GRFF-IR90-750	750	750	380	18G or 16G

# CTS RETURN FLANGE PERFORATED CABLE TRAY FITTINGS

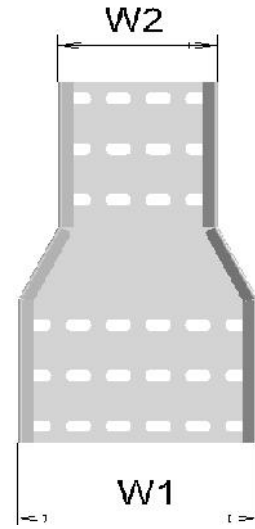
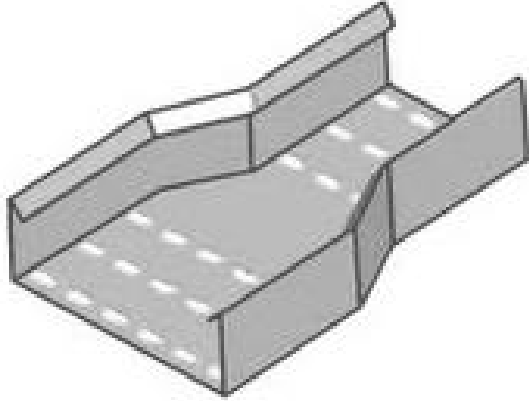
## 90° Outside Riser



Reference Number	Width (mm)	A (mm)	B (mm)	Thickness
GRFF-OR90-100	100	100	280	18G or 16G
GRFF-OR90-150	150	150	280	18G or 16G
GRFF-OR90-250	250	250	280	18G or 16G
GRFF-OR90-300	300	300	280	18G or 16G
GRFF-OR90-450	450	450	380	18G or 16G
GRFF-OR90-600	600	600	380	18G or 16G
GRFF-OR90-750	750	750	380	18G or 16G

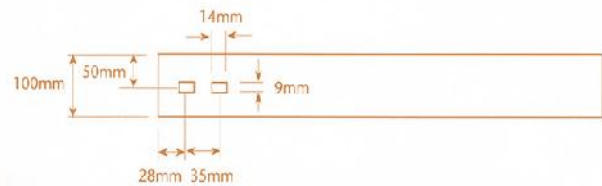
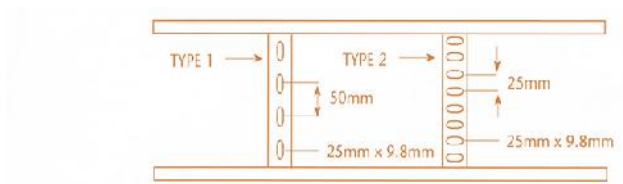
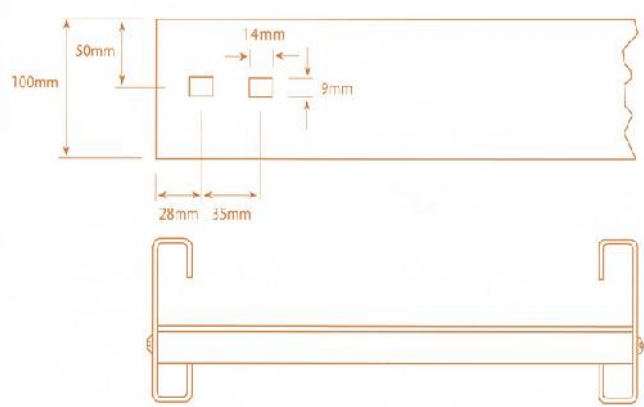
# CTS RETURN FLANGE PERFORATED CABLE TRAY FITTINGS

## Reducer



Reference Number	W1 (mm)	W2 (mm)	Thickness
GRFF-R-150X100	150	100	18G or 16G
GRFF-R-250X100	250	100	18G or 16G
GRFF-R-250X150	250	150	18G or 16G
GRFF-R-300X100	300	100	18G or 16G
GRFF-R-300X150	300	150	18G or 16G
GRFF-R-300X250	300	250	18G or 16G
GRFF-R-450X100	450	100	18G or 16G
GRFF-R-450X150	450	150	18G or 16G
GRFF-R-450X250	450	250	18G or 16G
GRFF-R-450X300	450	300	18G or 16G
GRFF-R-600X100	600	100	18G or 16G
GRFF-R-600X150	600	150	18G or 16G
GRFF-R-600X250	600	250	18G or 16G
GRFF-R-600X300	600	300	18G or 16G
GRFF-R-600X450	600	450	18G or 16G
GRFF-R-750X600	750	600	18G or 16G

# CTS KNOCK DOWN TYPE CABLE LADDER



Width (mm)	Approx. Weight Kgs/Length
150	14.2
300	15.6
450	17.1
600	18.5
750	21.2
900	23.1
1000	24.4

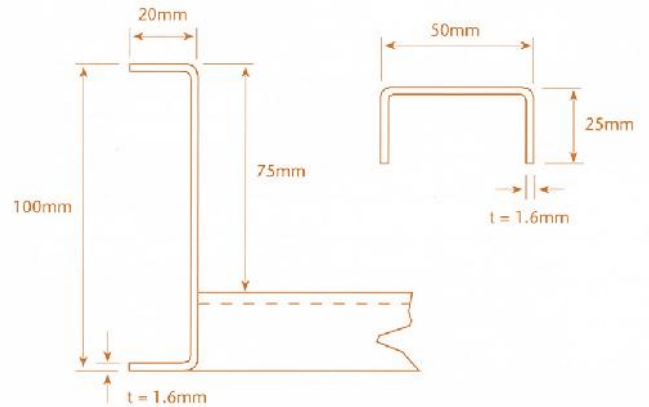
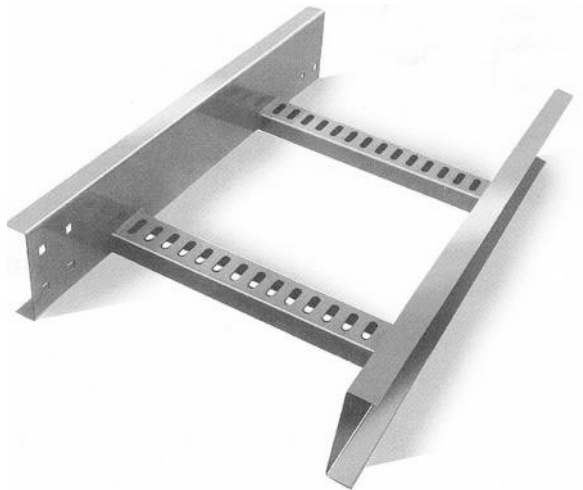
**Gauge of Metal : G14-2.0mm**

OUTDOOR USE	
Material	Available Finishes
Hot Rolled Steel to BS1449: Part 1:1991	Hot Dipped Galvanized to BS EN ISO:1461:2009
Electro Galvanized Steel to BS EN 10152: 2009	Hot Dipped Galvanized to BS EN ISO:1461:2009
<b>ZAM</b> Finishing	Original Finish
Stainless Steel Grade AISI 304, 316 or 316L	Original Finish

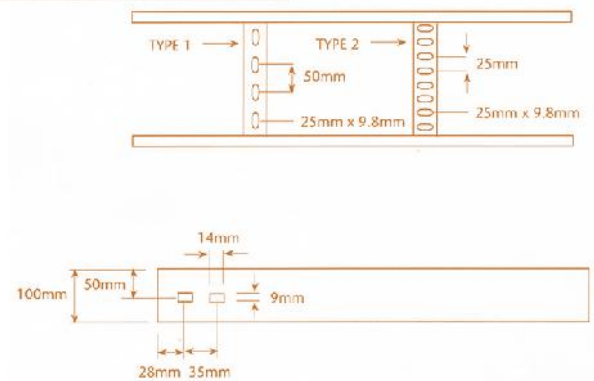
INDOOR USE	
Material	Available Finishes
Pre-galvanised Steel to BS EN10143:2006	Original Finish
Hot Rolled Steel to BS1449: Part 1:1991	Epoxy Coated
Mild Steel to BS1449: Part 1: 1991	Epoxy Coated
Electro Galvanized Steel to BS EN 10152: 2009	Epoxy Coated
Hot Rolled Steel to BS1449: Part 1:1991	Hot Dipped Galvanized to BS EN ISO:1461:2009 and Epoxy Coated
Stainless Steel Grade AISI 304, 316 or 316L	Original Finish



# CTS WELDED TYPE CABLE LADDER



## RING SLOTS DIMENSION



Width (mm)	Approx. Weight Kgs/Length
150	14.0
300	15.4
450	16.9
600	18.3
750	21.0
900	22.0
1000	24.1

## OUTDOOR USE

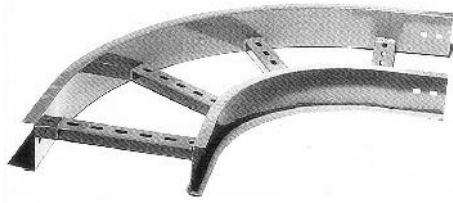
Material	Available Finishes
Hot Rolled Steel to BS1449: Part 1:1991	Hot Dipped Galvanized to BS EN ISO:1461:2009
Electro Galvanized Steel to BS EN 10152: 2009	Hot Dipped Galvanized to BS EN ISO:1461:2009
<b>ZAM</b> Finishing	Original Finish
Stainless Steel Grade AISI 304, 316 or 316L	Original Finish

## INDOOR USE

Material	Available Finishes
Pre-galvanized Steel to BS EN10143:2006	Original Finish
Hot Rolled Steel to BS1449: Part 1:1991	Epoxy Coated
Mild Steel to BS1449: Part 1: 1991	Epoxy Coated
Electro Galvanized Steel to BS EN 10152: 2009	Epoxy Coated
Hot Rolled Steel to BS1449: Part 1:1991	Hot Dipped Galvanized to BS EN ISO:1461:2009 and Epoxy Coated
Stainless Steel Grade AISI 304, 316 or 316L	Original Finish

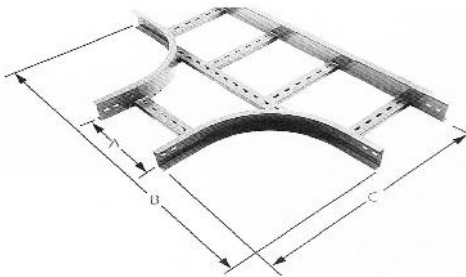
# CTS CABLE LADDER FITTINGS

## 90° Bend



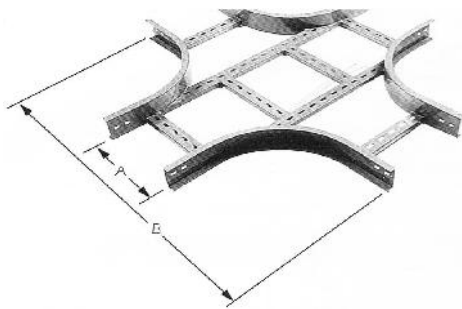
Reference Number	Width (mm)	Thickness
GCLF-B90-150	150	14G or 16G
GCLF-B90-300	300	14G or 16G
GCLF-B90-450	450	14G or 16G
GCLF-B90-600	600	14G or 16G
GCLF-B90-750	750	14G or 16G
GCLF-B90-900	900	14G or 16G
GCLF-B90-1000	1000	14G or 16G

## Equal Tee



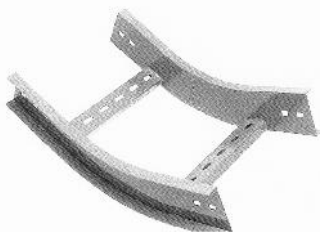
Reference Number	Width (mm)	A (mm)	B (mm)	C (mm)	Thickness
GCLF-ET-150	150	150	950	550	14G or 16G
GCLF-ET-300	300	300	1100	700	14G or 16G
GCLF-ET-450	450	450	1250	850	14G or 16G
GCLF-ET-600	600	600	1400	1000	14G or 16G
GCLF-ET-750	750	750	1550	1150	14G or 16G
GCLF-ET-900	900	900	1700	1300	14G or 16G
GCLF-ET-1000	1000	1000	1800	1400	14G or 16G

## 4-Way Crosspiece



Reference Number	Width (mm)	A (mm)	B (mm)	Thickness
GCLF-CP-150	150	150	950	16G or 14G
GCLF-CP-300	300	300	1100	16G or 14G
GCLF-CP-450	450	450	1250	16G or 14G
GCLF-CP-600	600	600	1400	16G or 14G
GCLF-CP-750	750	750	1550	16G or 14G
GCLF-CP-900	900	900	1700	16G or 14G
GCLF-CP-1000	1000	1000	1800	16G or 14G

## 45° Inside Riser



Reference Number	Width (mm)	Thickness
GCLF-IR45-150	150	16G or 14G
GCLF-IR45-300	300	16G or 14G
GCLF-IR45-450	450	16G or 14G
GCLF-IR45-600	600	16G or 14G
GCLF-IR45-750	750	16G or 14G
GCLF-IR45-900	900	16G or 14G
GCLF-IR45-1000	1000	16G or 14G

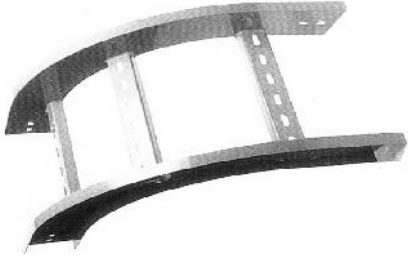
## 90° Inside Riser



Reference Number	Width (mm)	Thickness
GCLF-IR90-150	150	16G or 14G
GCLF-IR90-300	300	16G or 14G
GCLF-IR90-450	450	16G or 14G
GCLF-IR90-600	600	16G or 14G
GCLF-IR90-750	750	16G or 14G
GCLF-IR90-900	900	16G or 14G
GCLF-IR90-1000	1000	16G or 14G

# CTS CABLE LADDER FITTINGS

## 45° Outside Riser



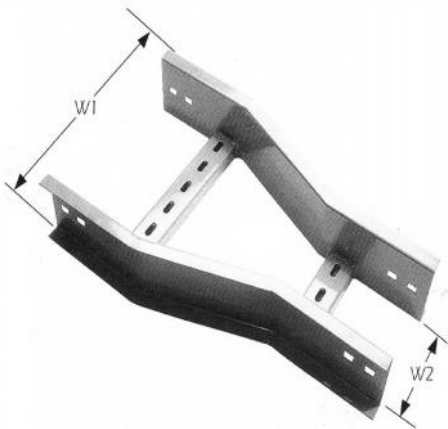
Reference Number	Width (mm)	Thickness
GCLF-OR45-150	150	16G or 14G
GCLF-OR45-300	300	16G or 14G
GCLF-OR45-450	450	16G or 14G
GCLF-OR45-600	600	16G or 14G
GCLF-OR45-750	750	16G or 14G
GCLF-OR45-900	900	16G or 14G
GCLF-OR45-1000	1000	16G or 14G

## 90° Outside Riser



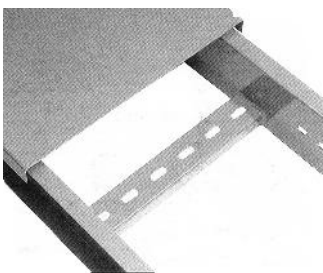
Reference Number	Width (mm)	Thickness
GCLF-OR90-150	150	16G or 14G
GCLF-OR90-300	300	16G or 14G
GCLF-OR90-450	450	16G or 14G
GCLF-OR90-600	600	16G or 14G
GCLF-OR90-750	750	16G or 14G
GCLF-OR90-900	900	16G or 14G
GCLF-OR90-1000	1000	16G or 14G

## Reducer



Reference Number	Width (mm)	Thickness
GCLF-R-300X150	300-150	16G or 14G
GCLF-R-450X300	450-300	16G or 14G
GCLF-R-450X150	450-150	16G or 14G
GCLF-R-600X450	600-450	16G or 14G
GCLF-R-600X300	600-300	16G or 14G
GCLF-R-600X150	600-150	16G or 14G
GCLF-R-750X600	750-600	16G or 14G
GCLF-R-750X450	750-450	16G or 14G
GCLF-R-750X300	750-300	16G or 14G
GCLF-R-750X150	750-150	16G or 14G
GCLF-R-900X750	900-750	16G or 14G
GCLF-R-900X600	900-600	16G or 14G
GCLF-R-900X450	900-450	16G or 14G
GCLF-R-900X300	900-300	16G or 14G
GCLF-R-1000X900	1000-900	16G or 14G
GCLF-R-1000X750	1000-750	16G or 14G
GCLF-R-1000X600	1000-600	16G or 14G
GCLF-R-1000X450	1000-450	16G or 14G

## Cover and Support Bracket



Reference Number	Width (mm)	Thickness
GCLF-COVER-150	150	16G or 14G
GCLF-COVER-300	300	16G or 14G
GCLF-COVER-450	450	16G or 14G
GCLF-COVER-600	600	16G or 14G
GCLF-COVER-750	750	16G or 14G
GCLF-COVER-900	900	16G or 14G
GCLF-COVER-1000	1000	16G or 14G

# CTS



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