



Perforated Cable Tray



Ladders Cable Tray



Cable Trunking

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METALCOAT

BNY METALCOAT PVT. LTD. is set to revolutionise the sector with the exciting launch of brand new and entirely redesigned ranges

■ Perforated Cable Tray

Constructed from single sheet of perforated metal. They are convenient for cables which require both a degree of protection from external damage and some ventilation.

■ Ladders Cable Tray

Straight sections of ladder type cable trays consist of two longitudinal side rails, connected by individual transverse members, or rungs, which are welded to the side rails or bolted in case of GI trays.

This type of cable tray provides maximum ventilation to heat producing cable such as power cables.

■ Cable Trunking

Straight sections of solid bottom cable trays constructed from single sheet of metal, providing excellent protection from external damage. They are used primarily for intrumantal control, communication and other non-heat producing cables.

wiremesh Cable Tray

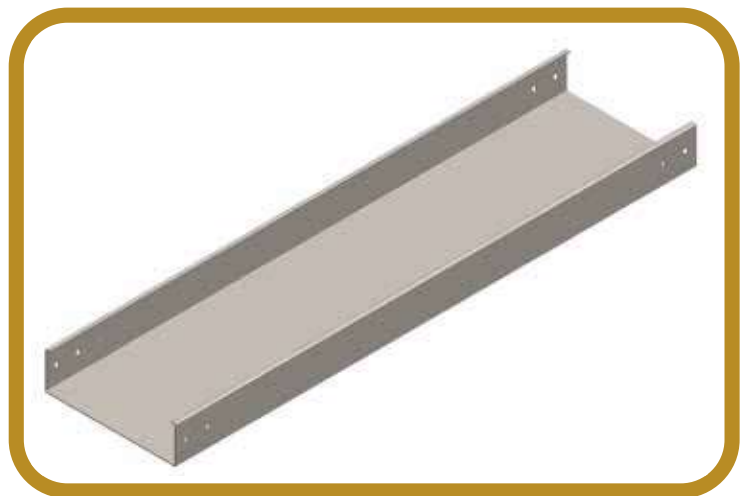
Perforated Cable Tray



Ladder Cable Tray



Cable Trunking



BNY Metalcoat Pvt. Ltd. Manufacture produces three types of Cable Supports

- † Cable Tray
- † Cable Ladder
- † Cable Trunking

All of these are available with a full range of fittings and accessories.

FITTING

Fittings are sections of cable trays which are joined to other cable trays sections for the purpose of changing the direction, elevation or width of the cable run. All fittings are available in sizes and types corresponding to the straight cable tray sections.

Elbows - Horizontal and vertical elbows enable directional and elevational changes, respectively.

Horizontal Tee - These join cable tray sections in three directions at 90° angles.

Horizontal Cross - Same as "Tee" except in four directions at 90° angles.

Reducers - These join cable trays of different widths in the same plane.

COVERS

Covers act as an additional safeguard, providing shelter from sunlight dirt accumulation and accidental contact. They also isolate cables from fires and radio frequency interference.

Available in solid top or louvered top.

CONSTRUCTION ACCESSORIES

all BNY construction accessories to enable on site installation of cable tray systems. These include splice plate connectors, channels, clamps brackets and hangers.

SPECIFIC REQUIREMEN

Other types of cable trays and fittings can be supplied to meet specific requirements.

All BNY cable trays are fabricated from Prime quality Sheet.

To provide adequate protection against corrosion, three types of protection are offered

- † Electro powder coating
- † Pre-galvanized
- † Hot dip galvanised

DIMENSIONS

All BNY cable trays are manufactured in the following standard dimensions

- † Length 2.500mm & 3.000mm
- † Depth 50mm, 85mm, 100mm
- † Width 100mm, 150mm, 300mm, 450mm, 600mm, 750mm, 900mm

Sheet Metal Thickness

- † 1.2mm for light loads
- † 1.5mm for medium loads
- † 2.0mm for heavy loads
- † Upto 4.0mm for extra heavy loads

Elbow and Cross Radius

- † 300mm (standard), 600mm & 900mm also available

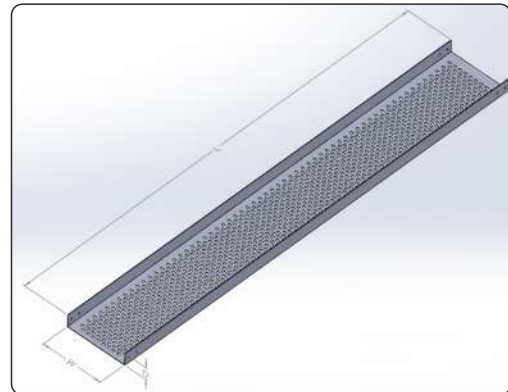
LOADING CAPABILITY & SUPPORT SPAN

All BNY cable trays are manufactured in accordance with the the requirements of International Standard IEC 61537.

Perforated Cable Tray

Constructed from single sheet of perforated metal. They are convenient for cables which require both a degree of protection from external damage and some ventilation.

STRAIGHT SECTION



STANDARD DIMENSIONS

- ③ Length (L) 2.500mm & 3.000mm
- ③ Depth (D) 50mm, 75mm, 85mm, 100mm, 150mm
- ③ Width (W) 100mm, 150mm, 200mm, 300mm, 450mm, 600mm, 700mm
- ③ Sheet Metal Thickness 1.2mm for light loads (LL)
1.5mm for medium loads (M)
2.0mm for heavy loads (H)

Material:

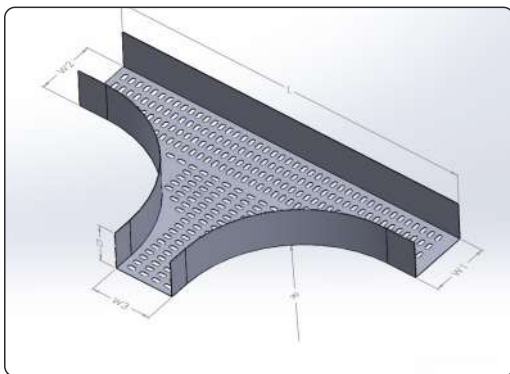
- ③ Prime quality GI & MS sheets.

Finish (after fabrication):

- ③ Electro powder coating (E)
- ③ Pre-galvanised (P)
- ③ Hot dip galvanized (H)

Designs other than those listed above can be manufactured to meet special requirements.

HORIZONTAL TEE

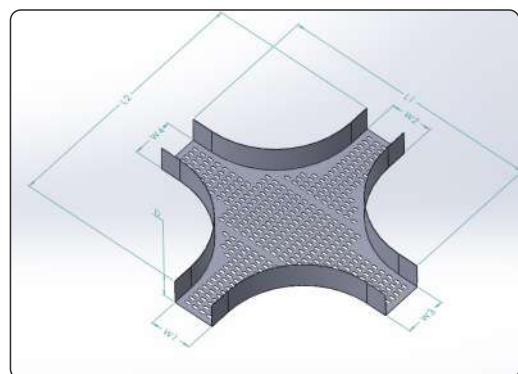


STANDARD DIMENSIONS

Radius R	300mm						
Width W (mm)	100	150	300	450	600	750	
Length L (mm)	900	950	110	125	1400	1550	
Breadth B (mm)	500	550	700	850	1000	1150	

for other dimensions please contact us.

HORIZONTAL CROSS

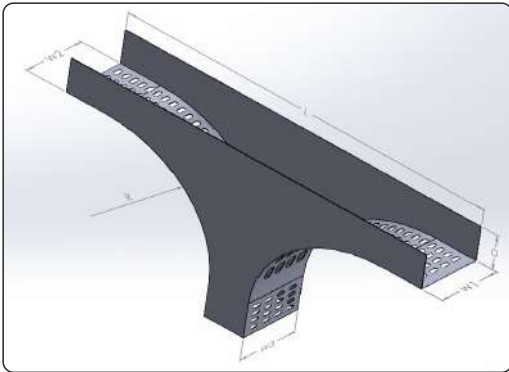


STANDARD DIMENSIONS

Radius R	300mm						
Width W (mm)	100	150	300	450	600	750	
Length L (mm)	900	950	110	125	1400	1550	

for other dimensions please contact us.

VERTICAL TEE

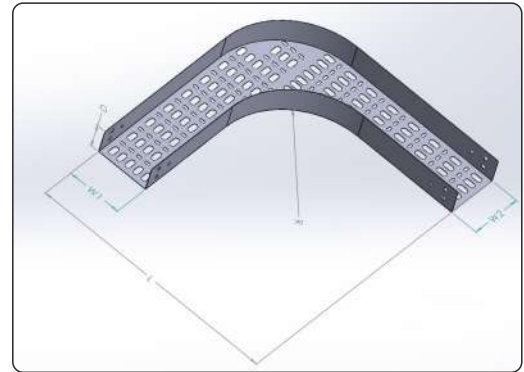


STANDARD DIMENSIONS

Radius R	300mm					
Width W (mm)	100	150	300	450	600	750
Length L (mm)	900	950	110	125	1400	1550
Breadth B (mm)	500	550	700	850	1000	1150

for other dimensions please contact us.

HORIZONTAL ELBOW

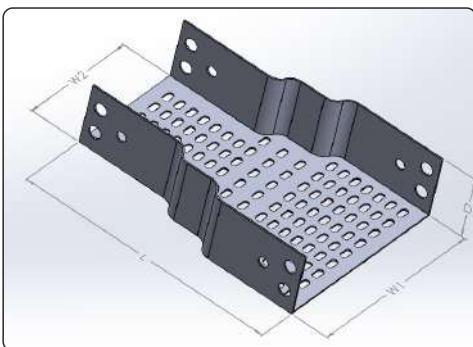


STANDARD DIMENSIONS

Radius R	300mm					
Width W (mm)	100	150	300	450	600	750
Length L (mm)	900	950	110	125	1400	1550
Breadth B (mm)	500	550	700	850	1000	1150

for other dimensions please contact us.

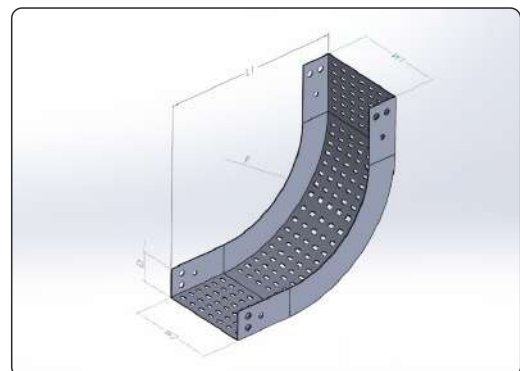
REDUCER LEFT HAND REDUCER RIGHT HAND REDUCER



BNY a complete range of perforated bottom reducers for joining any two sizes of straight sections.

Please specify both starting and ending widths.

INSIDE VERTICAL RISERS OUTSIDE VERTICAL RISERS



STANDARD DIMENSIONS

Bend Angle 90°

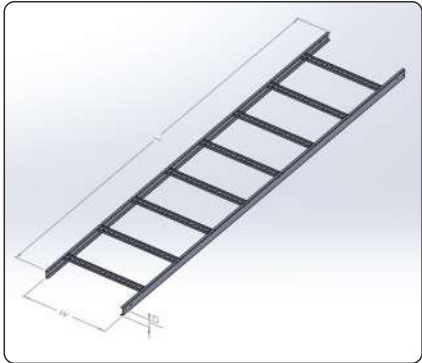
for other dimensions please contact us.

Ladder Cable Tray

Straight sections of ladder type cable trays consist of two longitudinal side rails, connected by individual transverse members, or rungs, which are welded to the side rails or bolted in case of GI trays.

This type of cable tray provides maximum ventilation to heat producing cable such as power cables.

STRAIGHT SECTION



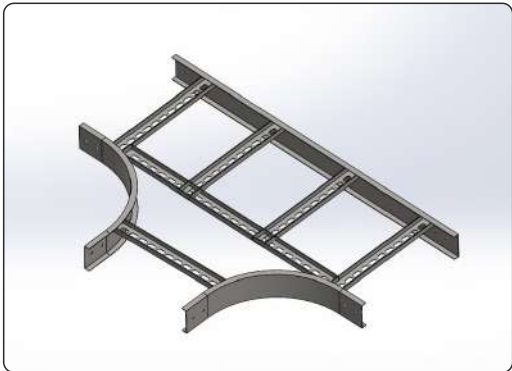
STANDARD DIMENSIONS

- ③ Length (L) 2.500mm & 3.000mm
- ③ Depth (D) 50mm, 75mm, 85mm, 100mm, 150mm
- ③ Width (W) 100mm, 150mm, 200mm, 300mm, 450mm, 600mm, 750mm, 900mm
- ③ Rung Spacing 300mm
- ③ Sheet Metal Thickness 1.2mm for light loads (LL)
1.5mm for medium loads (M)
2.0mm for heavy loads (H)

- Material:
- ③ Prime quality GI & MS sheets.
- Finish (after fabrication):
- ③ Electro powder coating (E)
 - ③ Pre-galvanised (P)
 - ③ Hot dip galvanized (H)

Designs other than those listed above can be manufactured to meet special requirements.

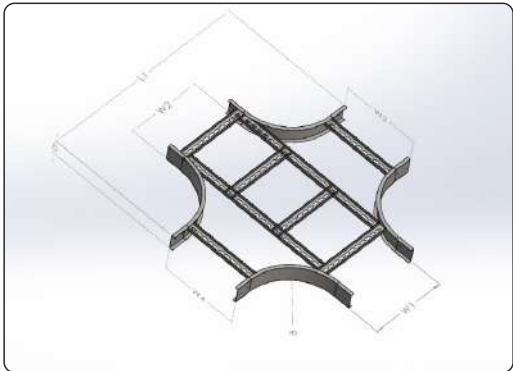
HORIZONTAL TEE



STANDARD DIMENSIONS

Radius	R	300mm						
Width	W (mm)	100	150	300	450	600	750	900
Length	L (mm)	900	950	1100	1250	1400	1550	1700
Breadth	B (mm)	500	550	700	850	1000	1150	1300

HORIZONTAL CROSS

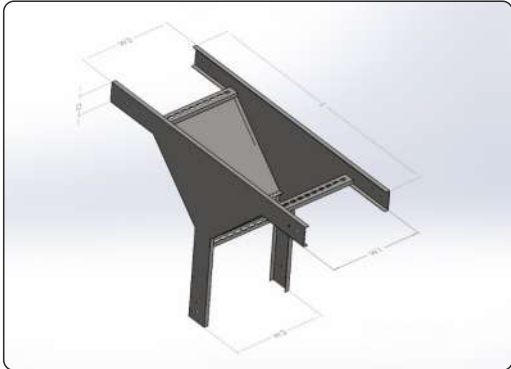


STANDARD DIMENSIONS

Radius	R	300mm					
Width	W (mm)	100	150	300	450	600	750
Length	L (mm)	900	950	1100	1250	1400	1550

for other dimensions please contact us.

VERTICAL TEE

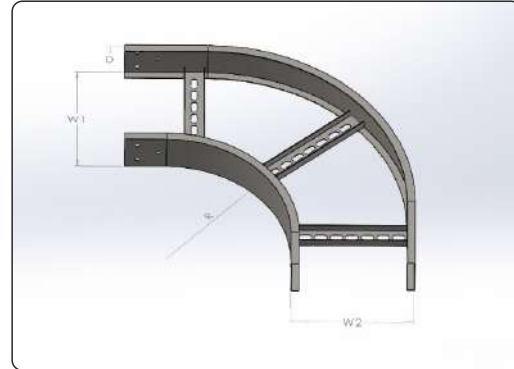


STANDARD DIMENSIONS

Radius	R	300mm						
Width	W (mm)	100	150	300	450	600	750	900
Length	L (mm)	900	950	1100	1250	1400	1550	1700
Breadth	B (mm)	500	550	700	850	1000	1150	1300

for other dimensions please contact us.

HORIZONTAL ELBOW



STANDARD DIMENSIONS

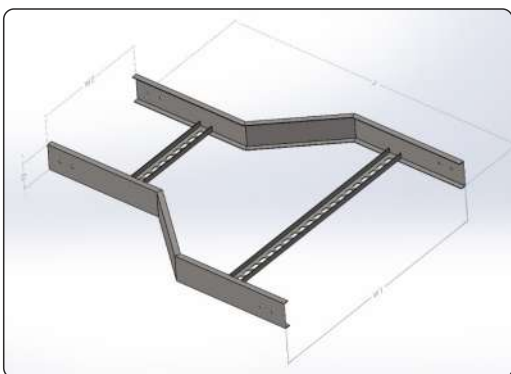
Radius R	300mm							
Bend Angle 90° (30°, 45° & 60° also available)								
Width W (mm)	100	150	300	450	600	750	900	
Length L (mm)	500	550	700	850	1000	1550	1300	
Breadth B (mm)	500	550	700	850	1000	1150	1300	

for other dimensions please contact us.

REDUCER

LEFT HAND REDUCER

RIGHT HAND REDUCER

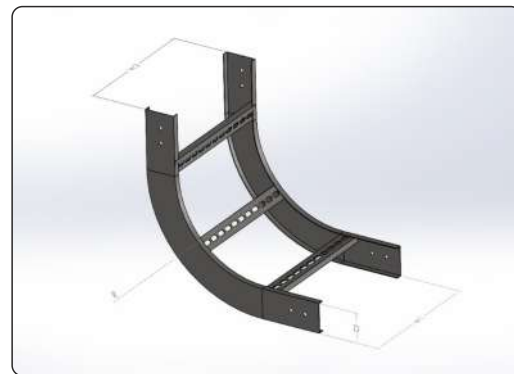


BNY a complete range of perforated bottom reducers for joining any two sizes of straight sections.

Please specify both starting and ending widths.

INSIDE VERTICAL RISERS

OUTSIDE VERTICAL RISERS



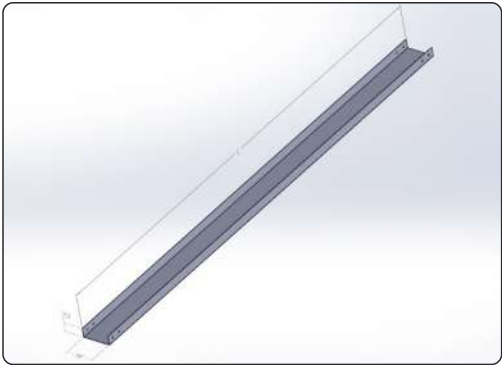
STANDARD DIMENSIONS

Bend Angle 90°
for other dimensions please contact us.

Cable Trunking

Straight sections of solid bottom cable trays constructed from single sheet of metal, providing excellent protection from external damage. They are used primarily for intrumantal control, communication and other non-heat producing cables.

STRAIGHT SECTION



Material:

- ③ Prime quality GI & MS sheets.

Finish (after fabrication):

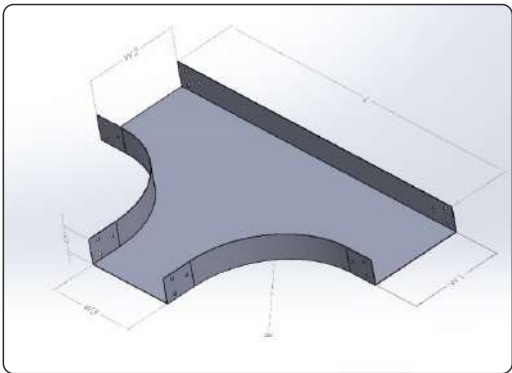
- ③ Electro powder coating (E)
- ③ Pre-galvanised (P)
- ③ Hot dip galvanized (H)

Designs other than those listed above can be manufactured to meet special requirements.

STANDARD DIMENSIONS

- ③ Length (L) 2.500mm & 3.000mm
- ③ Depth (D) 50mm, 75mm, 85mm, 100mm, 150mm
- ③ Width (W) 100mm, 150mm, 200mm, 300mm, 450mm, 600mm, 750mm
- ③ Sheet Metal Thickness 1.2mm for light loads (LL)
1.5mm for medium loads (M)
2.0mm for heavy loads (H)

HORIZONTAL TEE

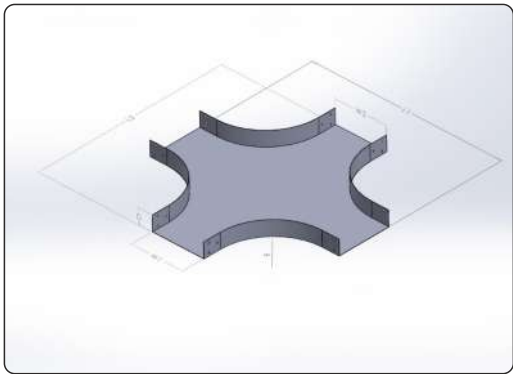


STANDARD DIMENSIONS

Radius R	300mm						
Width W (mm)	100	150	300	450	600	750	900
Length L (mm)	900	950	1100	1250	1400	1550	1700
BreadthB (mm)	500	550	700	850	1000	1150	1300

for other dimensions please contact us.

HORIZONTAL CROSS

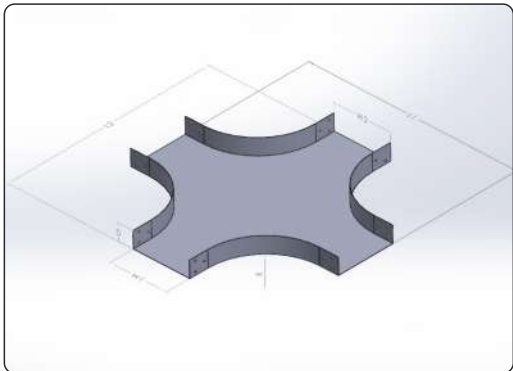


STANDARD DIMENSIONS

Radius R	300mm						
Width W (mm)	100	150	300	450	600	750	
Length L (mm)	900	950	1100	1250	1400	1550	

for other dimensions please contact us.

HORIZONTAL CROSS

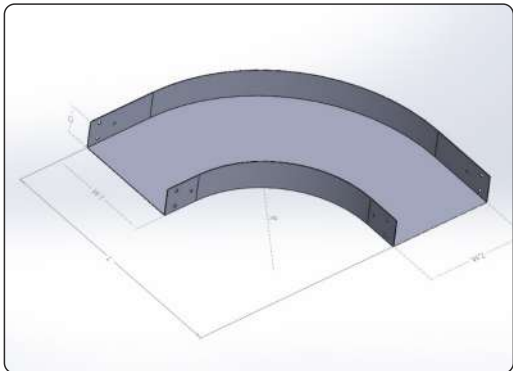


STANDARD DIMENSIONS

Radius R	300mm							
Width W (mm)	100	150	300	450	600	750	900	
Length L (mm)	900	950	1100	1250	1400	1550	1700	
Breadth B (mm)	500	550	700	850	1000	1150	1300	

for other dimensions please contact us.

HORIZONTAL ELBOW

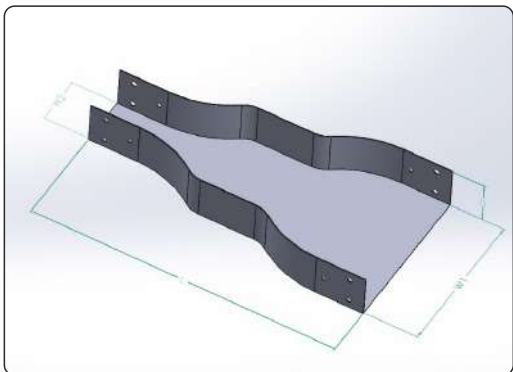


STANDARD DIMENSIONS

Radius R	300mm							
Bend Angle	90° (30°, 45° & 60° also available)							
Width W (mm)	100	150	300	450	600	750	900	
Length L (mm)	500	550	700	850	1000	1550	1300	
Breadth B (mm)	500	550	700	850	1000	1150	1300	

for other dimensions please contact us.

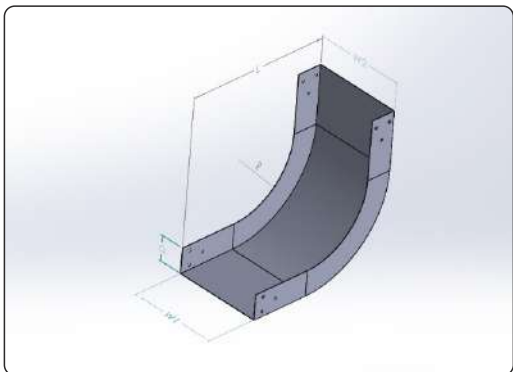
REDUCER LEFT HAND REDUCER RIGHT HAND REDUCER



BNY a complete range of perforated bottom reducers for joining any two sizes of straight sections.

Please specify both starting and ending widths.

INSIDE VERTICAL RISERS OUTSIDE VERTICAL RISERS



STANDARD DIMENSIONS

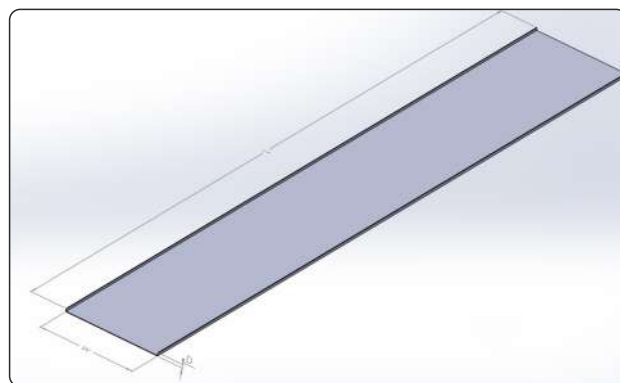
Bend Angle 90°
for other dimensions please contact us.

Cable Tray Covers

STRAIGHT SECTION

STANDARD DIMENSIONS

- ③ Length (L) 2.500mm & 3.000mm
- ③ Depth (D) 15mm
- ③ Width (W) 100mm, 150mm, 200mm, 300mm, 450mm, 600mm, 750mm, 900mm
- ③ Sheet Metal 1.2mm (LL)
Thickness 1.5mm (M)
2.0mm (H)



Material:

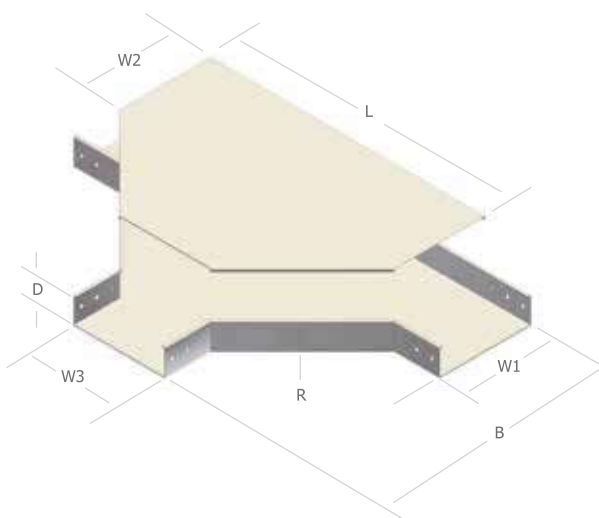
- ③ Prime quality GI & MS sheets.

Finish (after fabrication):

- ③ Electro powder coating (E)
- ③ Pre-galvanised (P)
- ③ Hot dip galvanized (H)

Designs other than those listed above can be manufactured to meet special requirements.

HORIZONTAL TEE

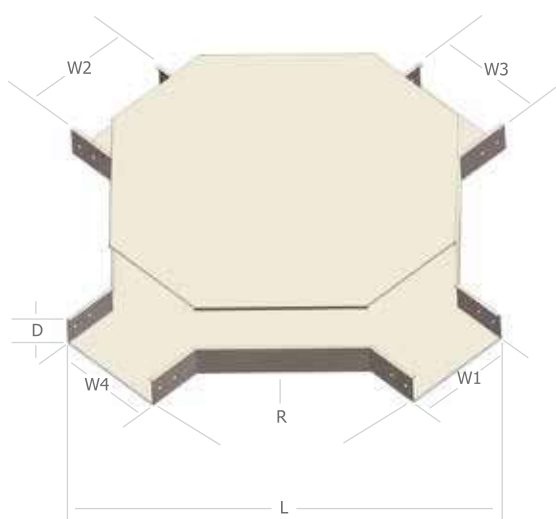


STANDARD DIMENSIONS

Radius R	300mm						
Width W (mm)	100	150	300	450	600	750	
Length L (mm)	900	950	1100	1250	1400	1550	
Breadth B (mm)	500	550	700	850	1000	1150	

for other dimensions please contact us.

HORIZONTAL CROSS

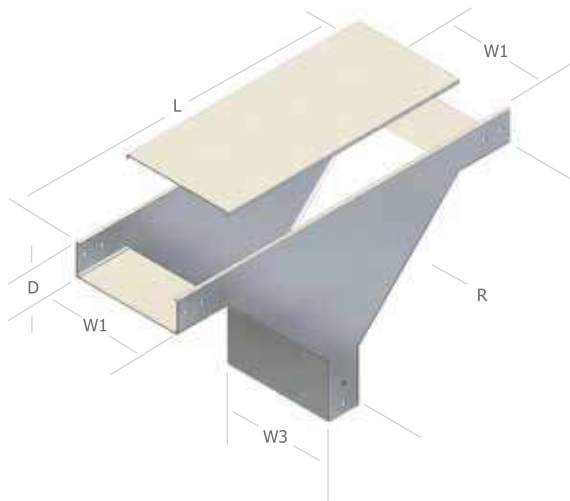


STANDARD DIMENSIONS

Radius R	300mm						
Width W (mm)	100	150	300	450	600	750	
Length L (mm)	900	950	1100	1250	1400	1550	

for other dimensions please contact us.

VERTICAL TEE

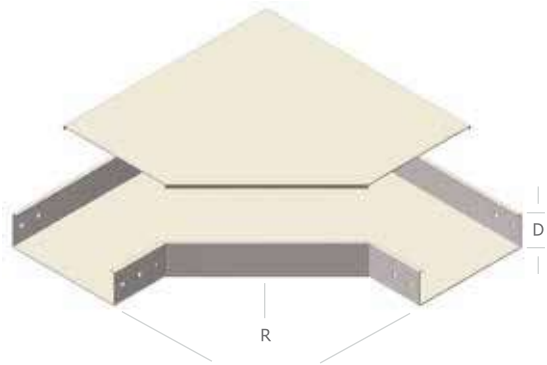


STANDARD DIMENSIONS

Radius R	300mm
Width W (mm)	100 150 300 450 600 750
Length L (mm)	900 950 1100 1250 1400 1550
Breadth B (mm)	500 550 700 850 1000 1150

for other dimensions please contact us.

HORIZONTAL ELBOW

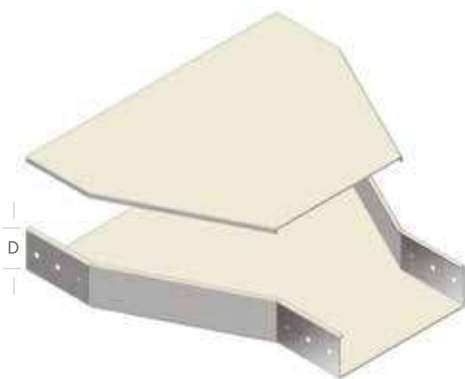


STANDARD DIMENSIONS

Radius R	300mm
Bend Angle	90° (30°, 45° & 60° also available)
Width W (mm)	100 150 300 450 600 750
Length L (mm)	500 550 700 850 1000 1550
Breadth B (mm)	500 550 700 850 1000 1150

for other dimensions please contact us.

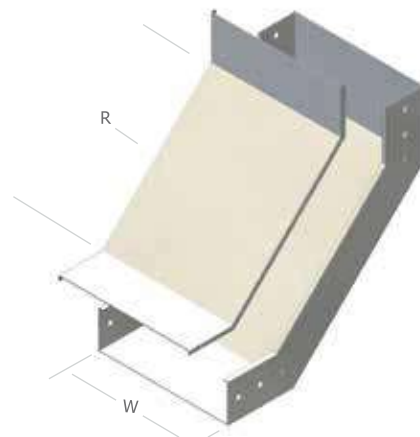
REDUCER LEFT HAND REDUCER RIGHT HAND REDUCER



BNY a complete range of perforated bottom reducers for joining any two sizes of straight sections.

Please specify both starting and ending widths.

INSIDE VERTICAL RISERS OUTSIDE VERTICAL RISERS



STANDARD DIMENSIONS

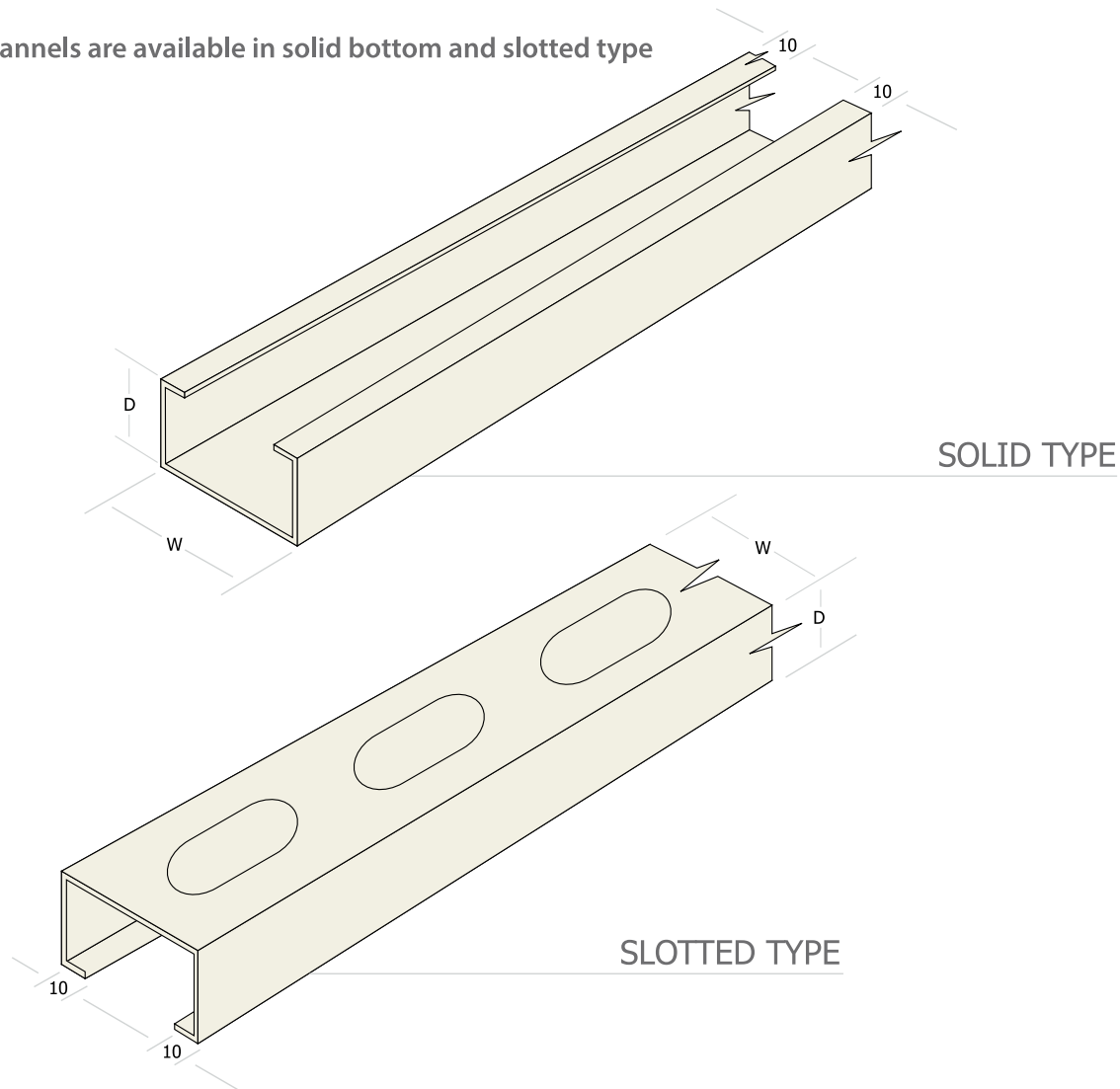
Bend Angle 90°

for other dimensions please contact us.

Cable Tray Accessories

CHANNEL

Channels are available in solid bottom and slotted type



STANDARD DIMENSIONS

- ③ Length (L) 2.500mm & 3.000mm
- ③ Depth (D) 42mm
- ③ Width (W) 42mm
- ③ Sheet Metal 2.5mm Thickness

Material:

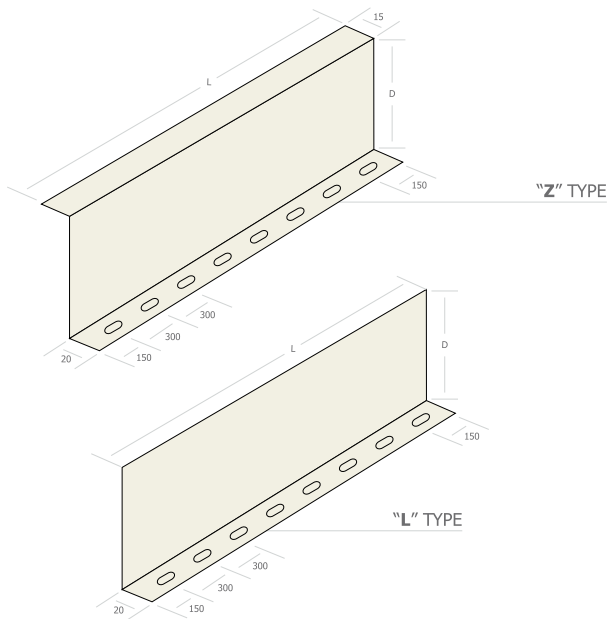
- ③ Prime quality GI & MS sheets.

Finish (after fabrication):

- ③ Electro powder coating (E)
- ③ Pre-galvanised (P)
- ③ Hot dip galvanized (H)

Designs other than those listed above can be manufactured to meet special requirements.

SEPERATOR



STANDARD DIMENSIONS

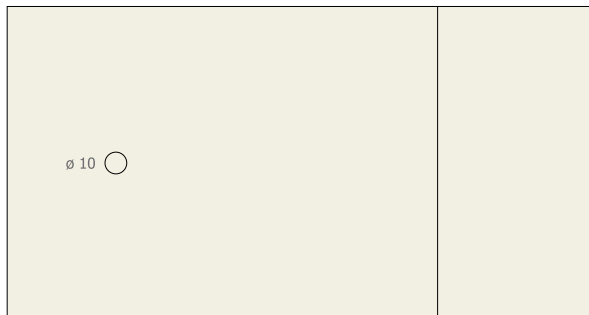
- ③ Length (L) 2.500mm & 3.000mm
- ③ Depth (D) According to tray depth
- ③ Sheet Metal 1.2mm (LL)
Thickness 1.5mm (M)
2.0mm (H)

Finish (after fabrication):

- ③ Electro powder coating (E)
- ③ Pre-galvanised (P)
- ③ Hot dip galvanized (H)

SIDE RAIL CLAMP

(for ladder cable tray)



STANDARD DIMENSIONS

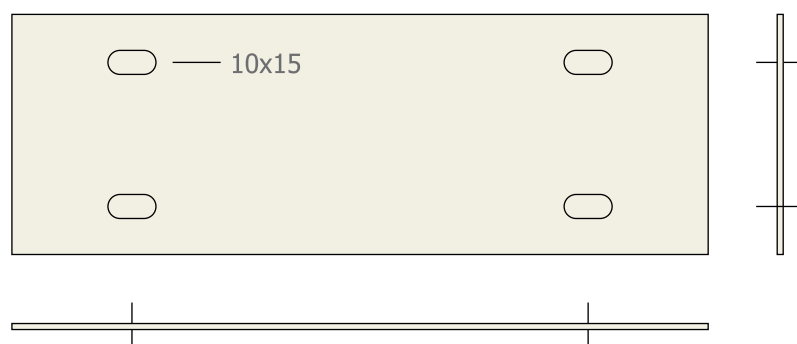
- ③ Length (L) 60mm
- ③ Widthn (W) 40mm
- ③ Sheet Metal 3.0mm
Thickness

Finish (after fabrication):

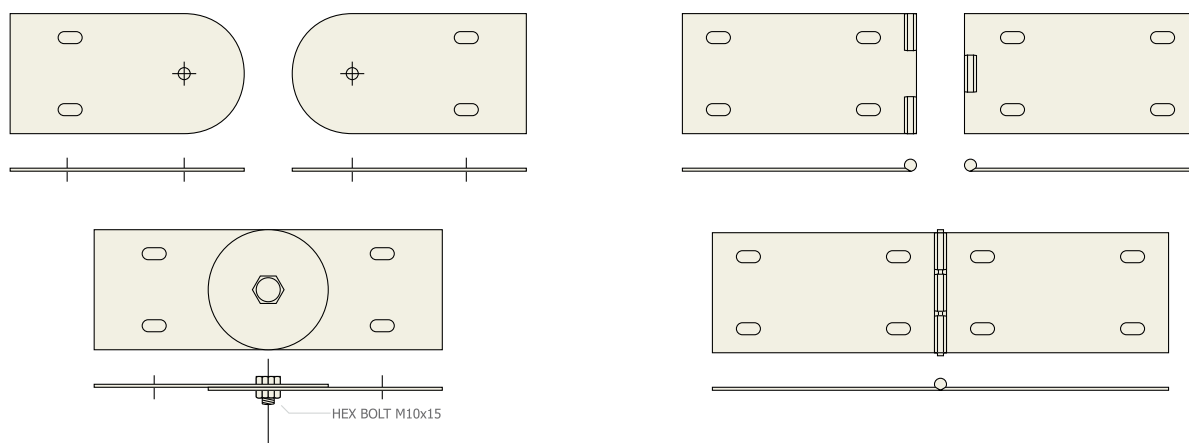
- ③ Electro powder coating (E)
- ③ Pre-galvanised (P)
- ③ Hot dip galvanized (H)

Cable Tray Accessories

JOINING PLATE



RECTILINEAR JOINT



VERTICAL HINGED JOINT

HORIZONTAL HINGED JOINT

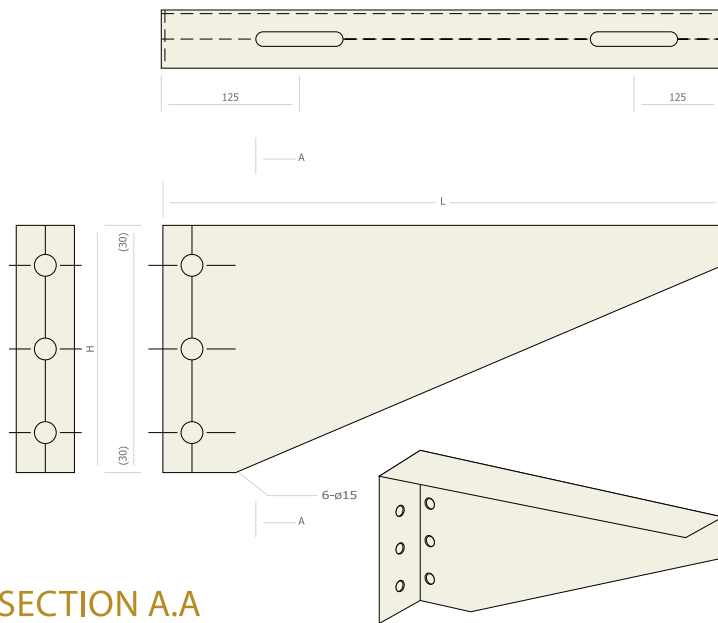
STANDARD DIMENSIONS

- ③ Length (L) 200mm
- ③ Depth (D) According to tray depth
- ③ Sheet Metal As per tray thickness
Thickness

Finish (after fabrication):

- ③ Electro powder coating (E)
- ③ Pre-galvanised (P)
- ③ Hot dip galvanized (H)

BRACKET



SECTION A.A

FOR HEAVY LOAD
ISOMETRIC VIEW

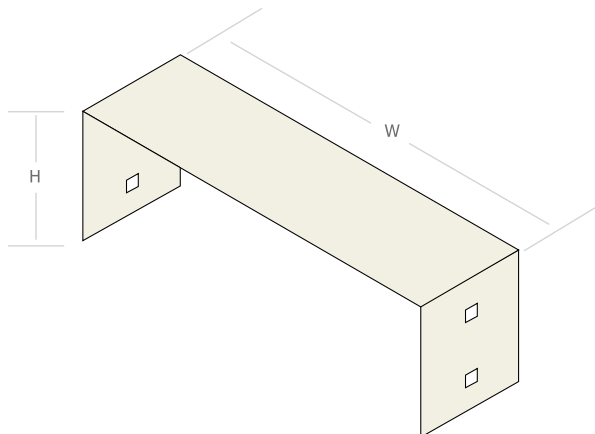
STANDARD DIMENSIONS

- ③ Length (L) 200mm to 1.000mm
- ③ Height 140mm, 180mm
- ③ Sheet Metal Thickness 2.0mm
3.2mm

Finish (after fabrication):

- ③ Electro powder coating (E)
- ③ Pre-galvanised (P)
- ③ Hot dip galvanized (H)

END CAP



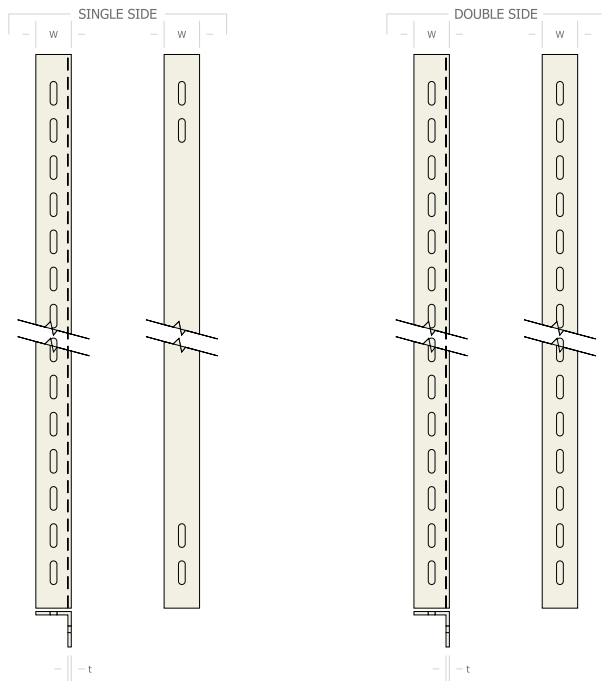
STANDARD DIMENSIONS

- ③ Length (L) 200mm to 1.000mm
- ③ Height 85mm to 300mm
- ③ Sheet Metal Thickness 1.2mm to 3.2mm

Finish (after fabrication):

- ③ Electro powder coating (E)
- ③ Pre-galvanised (P)
- ③ Hot dip galvanized (H)

HANGER POST



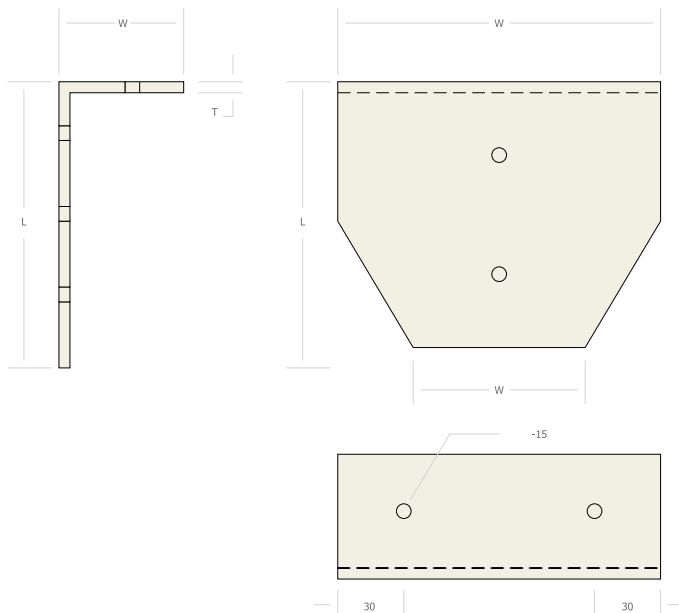
STANDARD DIMENSIONS

- ③ Length (L) 600mm to 6.000mm
- ③ Standard size of 2.0mm
Angle Iron 2.5mm
3.2mm
- ③ Thickness 4mm to 9mm

Finish (after fabrication):

- ③ Electro powder coating (E)
- ③ Hot dip galvanized (H)

HEAD PLATE



STANDARD DIMENSIONS

- ③ Length (L) 130mm
- ③ Width (W) 150mm
- ③ Sheet Metal 6mm & 8mm
Thickness

Finish (after fabrication):

- ③ Electro powder coating (E)
- ③ Hot dip galvanized (H)



Bny Metalcoat Pvt. Ltd.

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