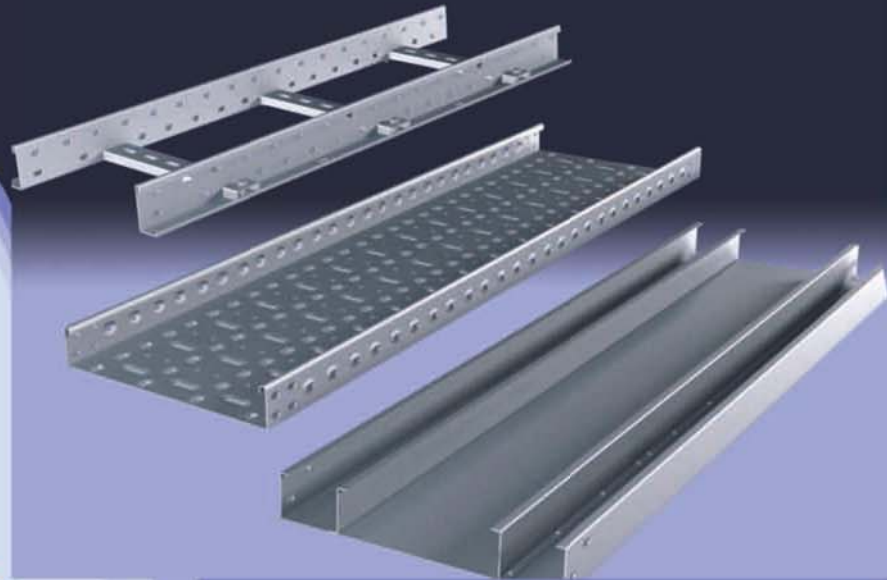




CABLE MANAGEMENT SYSTEMS

Cable Trays
Cable Ladders
Cable Trunkings





ELECTRO METAL PRESSINGS (Pvt) Ltd.

Electro Metal Pressing (Pvt) Limited has more than 20 years of professional experience in the field of manufacturing electric switch boards, relevant cable light systems and accessories, providing superior quality products at reasonable prices.

This brief information catalogue is addressed to you in order to create awareness about our establishment, which produces a vast array of products used throughout the country. **Electro Metal Pressings (Pvt) Ltd** was established in 1992 in Sri Lanka as a leading panel fabricating, assembling & contracting company in the field of Electrical Engineering. We have a fully equipped modern factory at Templebuge Industrial Estate at Panagoda.

"Electrical Solution to the Nation" is our Philosophy. Our commitment is to manufacture high quality products, recognize, understand and fulfil our customers' needs and focus on continuous improvement of the quality of our engineering products as well as 19" Equipment Racks. Our competent staff keeps very stringent, continuous supervision through all stages in the manufacturing process, so that our customers can rest assured, that they are supplied with a high quality product at a reasonable and affordable price.

We strive on maintaining strict time management so that the delivery process is expedited without any delay or inconvenience to the customer. We also produce a variety of products for the Electrical industry, including installations etc., keeping in mind that Quality, Safety & Reliability as our first priority.

This miniaturized catalogue gives you the necessary General Information and Guidelines for Power Distribution Panels, Motor Control Centers, Capacitor Banks, Slotted Embossed Cable Trays, Slotted Cable Ladders, Cable Trunking, 19" Equipment Rack Systems with accessories, etc.

We are glad to mention that the EMP Group has made significant contributions to the development programmes in Sri Lanka, since its inception 20 years ago. With seven Companies under its wing, EMP has created 1000 employment opportunities and continues with the honourable and responsible task of providing affordable and essential products

ELECTRO METAL PRESSINGS (Pvt) Ltd.

Contacts:

Lot No.26A, Templeburg Industrial Estate,
Panagoda, Sri Lanka.

Tel: +94 11 444 2497

Fax: +94 11 275 1900

E-mail: sales@emp.lk, empsales@sltnet.lk,
www.emp.lk

INTRODUCTION	04
CABLE TRAYS	05
CABLE TRAY HANGERS	10
CABLE LADDERS	12
CABLE TRUNKINGS	18

CABLE MANAGEMENT SYSTEMS

Cable Management System provides completely integrated rigid support for electrical cables, such as high voltage lines, power distribution cables, control wiring, varied telecommunication cables, electrical continuity, continuous support, positive radius control, protection against physical damage, ease of installation, engineered performance etc. It is a safe, versatile and cost effective way to carry large numbers of wires over considerable distances between their points of origin and termination. It provides shelter from sunlight and accumulation of dirt. They not only guard against damage to and accidental contact with cables but also help to isolate cables from fire and radio frequency interference.

PERFORATED EMBOSSED CABLE TRAY

We offer a wide range of perforated embossed cable trays which are fabricated using quality raw material such as Alu Zinc coated sheet metal. These perforated embossed cable trays are offered in different sizes, as per the client's requirements.

We also develop various accessories for our range which are used for support & installation of cables over the cable trays. Alu Zinc coated sheet metal cable trays can be used outdoor and indoor.

CABLE LADDER

Our company offers a precision engineered range of Alu Zinc coated sheet metal cable ladder which are renowned for their attributes such as strength and high capacity. The product compliance to various international standards and specifications. Ladder type cable trays are ideal for heavy duty power distribution in industrial facilities.

TRUNKING

Floor Trunking / Compartment Trunking/ Overhead Trunking/ Skirting Trunking

We provide our clients a wide range of cable trunking, that are fabricated using premium quality raw material. These trunking are primarily used to carry data, electrical, telephone cables in IT and other industries. Our range is highly acknowledged for its quality features such as resistance to corrosion, strength and durability. Owing to our expertise, we are capable to provide these in customized specifications to the clients

WHAT IS ZINC-ALUMINUM?

Zinc-Aluminum Foundry Alloys Zn + Alu + Si comprise a new family or zinc casting alloys that have proven themselves in a wide variety of demanding applications. They are engineering materials well suited to applications requiring high as-cast strength, hardness and wear resistance. These three alloys offer designers and casting specifiers viable, cost-effective alternatives for their component requirements.

DURABILITY

Alu Zinc coated sheet metal and its product are resistive to corrosion which will increase the durability more than 30 years.

CABLE MANAGEMENT SYSTEMS - TRAYS



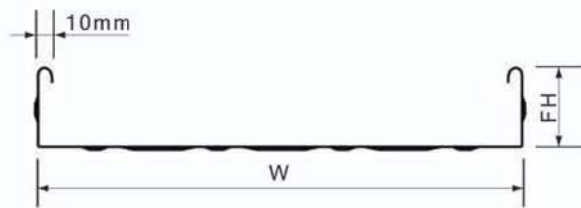
Cable Tray Specifications

Material:	Alu Zinc coated sheet metal	Surface Finish:	1) plain finish 2) powder coated
Material Thickness:	Plain - 0.8mm - 2.0mm Embossed - 0.6mm - 1.5mm	Powder Coat Thickness:	100 ± 20 microns
Ventilation Area:	Perforation can be increased on request (20% as standard)	Warranty Against Corrosion:	30 years
Perforation Pattern:	Standard /Others on request		

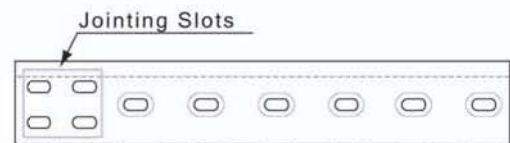
Cable Tray System conforms to BSEN 61537:2007 & IEC 61537:2006, Cable management-Cable tray systems and Cable ladder systems.

PERFORATED EMBOSSED TRAY WITH RETURNED FLANGE

Part No.	W mm	FH mm	Thickness mm
ESCTR-1050	100	50	0.6
ESCTR-2050	200	50	0.7
ESCTR-3050	300	50	0.8
ESCTR-4050	400	50	1.0
ESCTR-4075	400	75	1.2
ESCTR-4100	400	100	1.2
ESCTR-6050	600	50	1.2
ESCTR-6075	600	75	1.5
ESCTR-6100	600	100	1.5

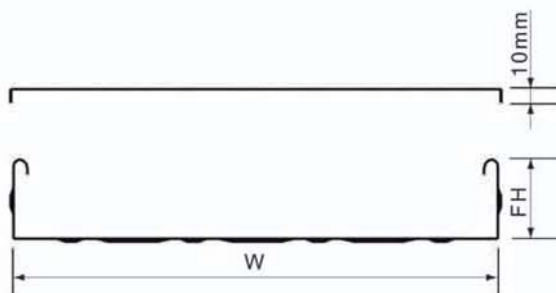


Section

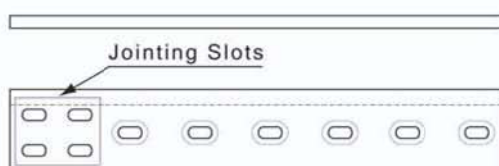


Side View

PERFORATED EMBOSSED TRAY WITH TOP COVER



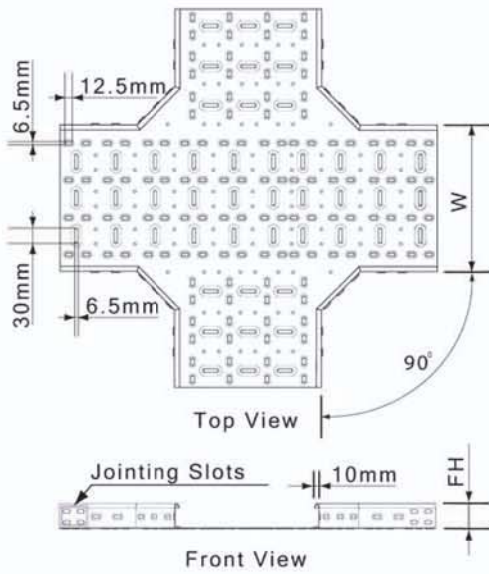
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Side View

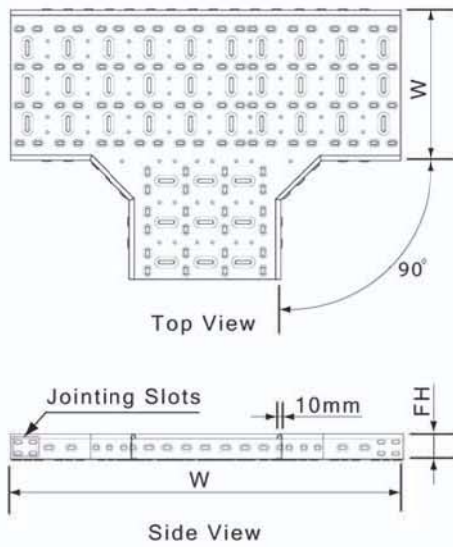


4 WAY JUNCTION



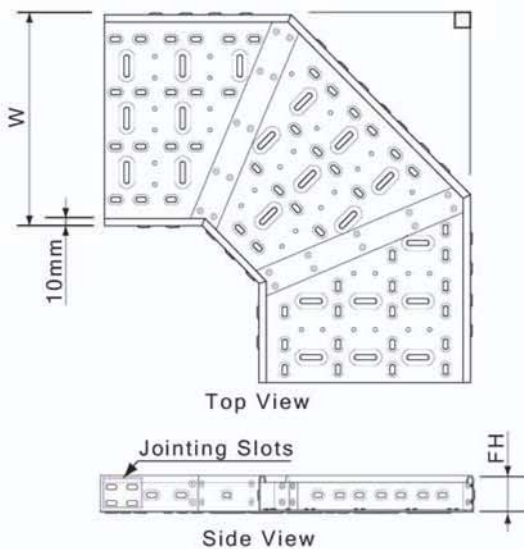
4-J-ECTR-***

3 WAY JUNCTION



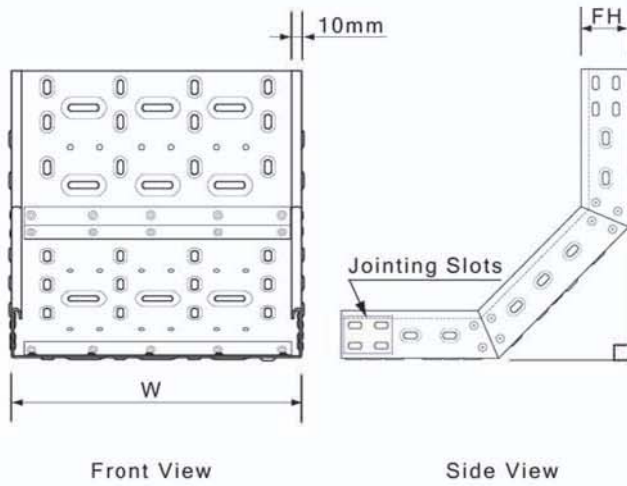
3-J-ECTR-***

BEND



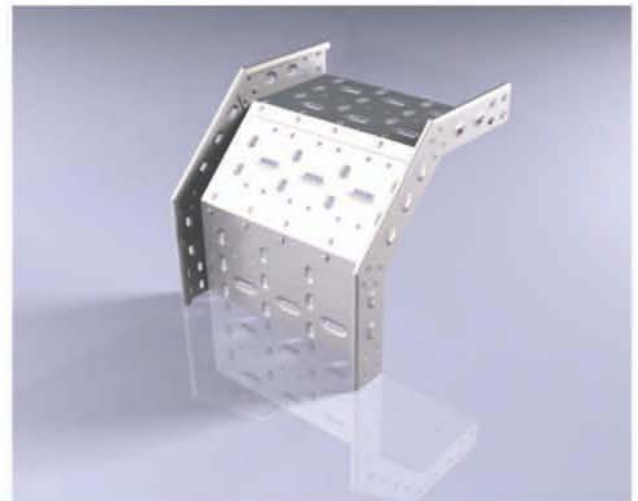
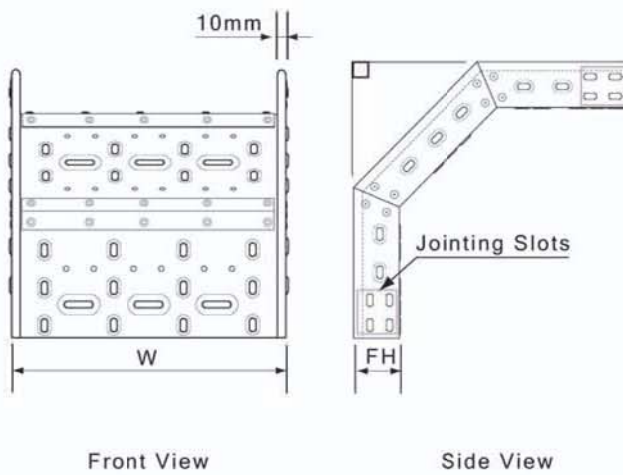
90-H-B-ECTR-***

BEND INNER RISER



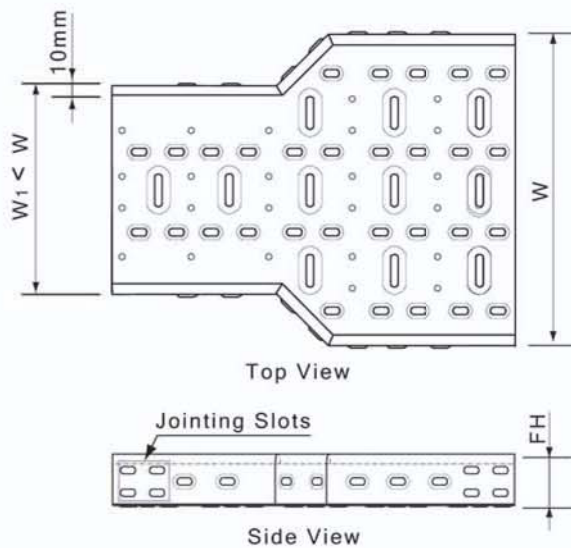
90-V-I-B-ECTR-***

BEND OUTER RISER



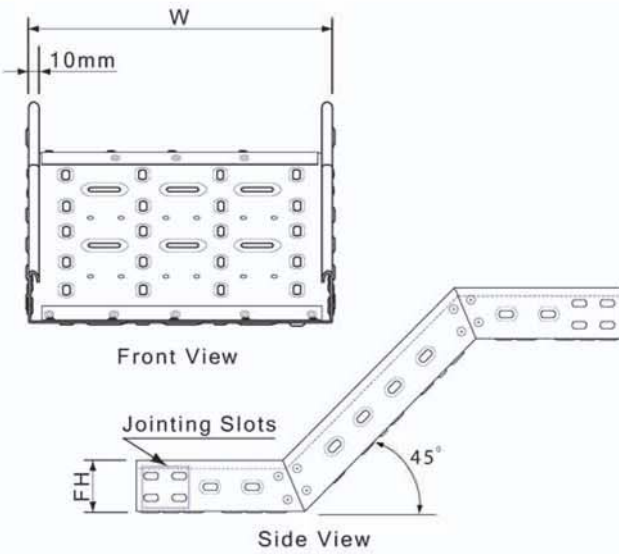
90-V-O-B-ECTR-***

REDUCER



R-B-ECTR-***-***

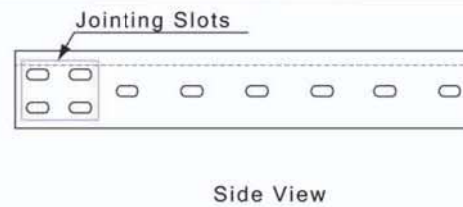
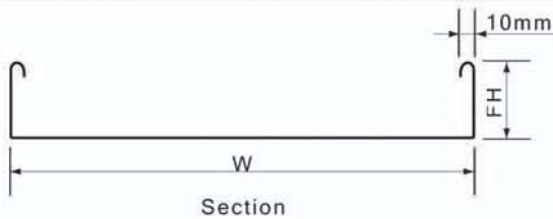
LEVEL OFFSET FIXED TYPE



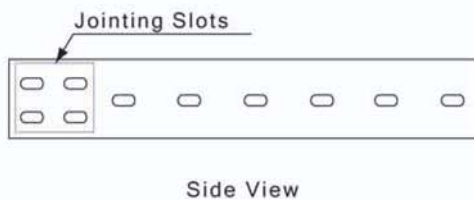
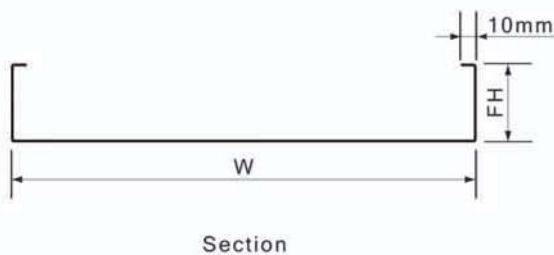
For adjustable offset refer page - 09.

STANDARD PERFORATED TRAY WITH RETURNED FLANGE

Part No.	W mm	FH mm	Thickness mm
SCTR-1050	100	50	0.8
SCTR-2050	200	50	1.0
SCTR-3050	300	50	1.2
SCTR-4050	400	50	1.5
SCTR-4075	400	75	1.5
SCTR-4100	400	100	2.0
SCTR-6050	600	50	2.0
SCTR-6075	600	75	2.0
SCTR-6100	600	100	2.0



STANDARD PERFORATED TRAY WITH FLAT FLANGE



SCTF-***

JOINTING PIECE U TYPE



UJ-ECTR-***



Section



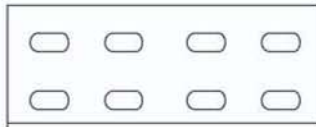
Side View



JOINTING PIECE L TYPE



LJ-ECTR-***



Side View



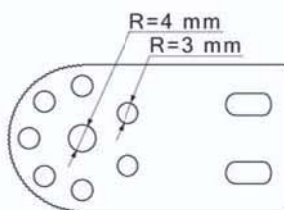
Section



ADJUSTABLE JOINT PIECE



AJ-ECTR-***

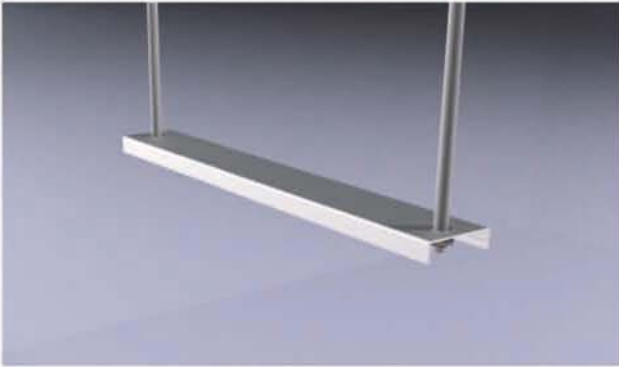


Side View



Tight bolts after you adjust the position

HANGING BRACKET



Side View



Section



- | | |
|--------------------|--------------------|
| ① Level offset | ⑤ Hanging bracket |
| ② Bend outer riser | ⑥ Bend |
| ③ 4 way junction | ⑦ 3 way junction |
| ④ Reducer | ⑧ Bend inner riser |

UNIVERSAL HANGER

Double Side



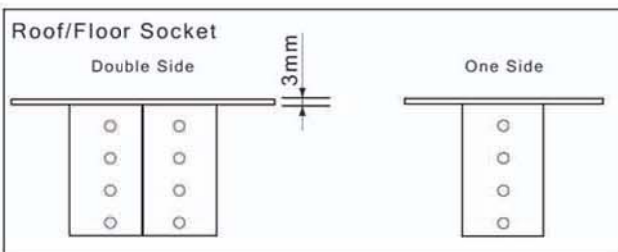
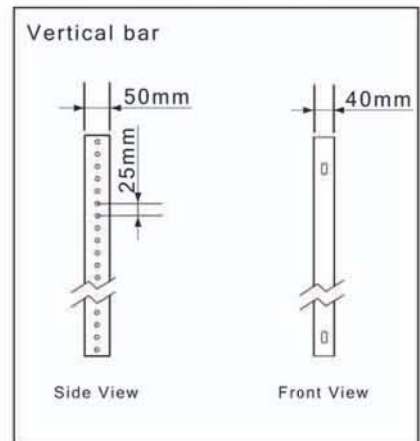
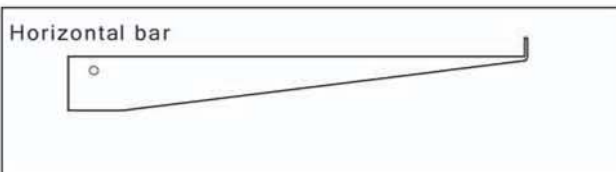
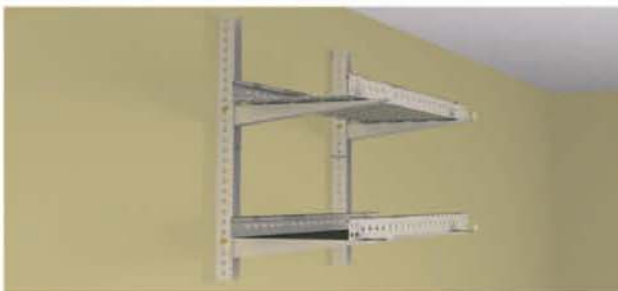
Roof Hanging Double Side



Roof Hanging



Wall Hanging



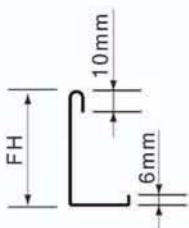
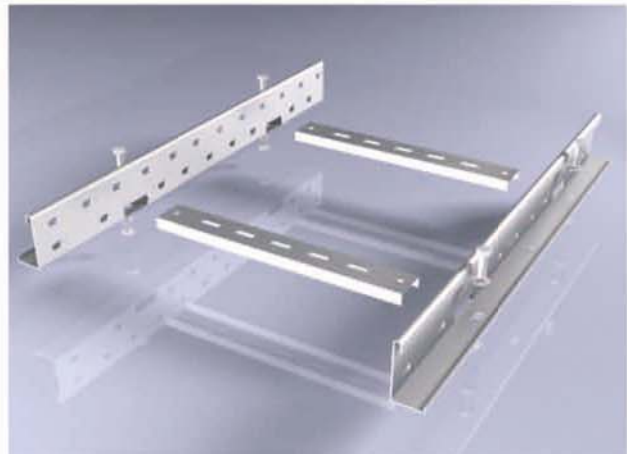
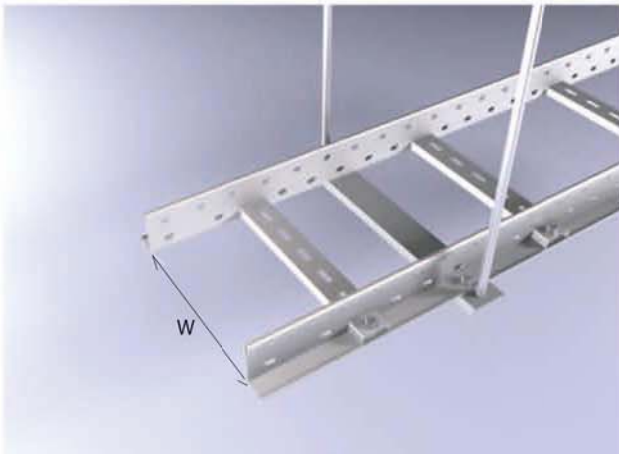
Cable Ladder Specifications

Material:	Alu Zinc coated sheet metal	Surface Finish:	1) plain finish 2) powder coated
Material Thickness:	Plain - 0.8mm - 2.0mm Embossed - 0.6mm - 1.5mm	Powder Coat Thickness:	100 ± 20 microns
Ventilation Area:	Perforation can be increased on request.	Warranty Against Corrosion:	30 years
Perforation Pattern:	Standard /Others on request		

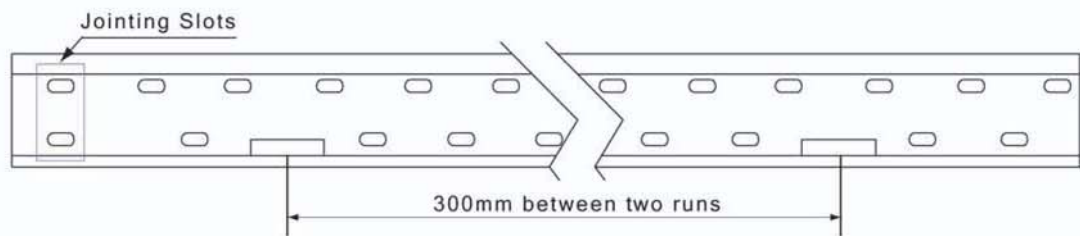
Cable Ladder System conforms to BSEN 61537:2007 & IEC 61537:2006, Cable management-Cable tray systems and Cable ladder systems.

ASSEMBLE TYPE CABLE LADDER WITH RETURNED FLANGE

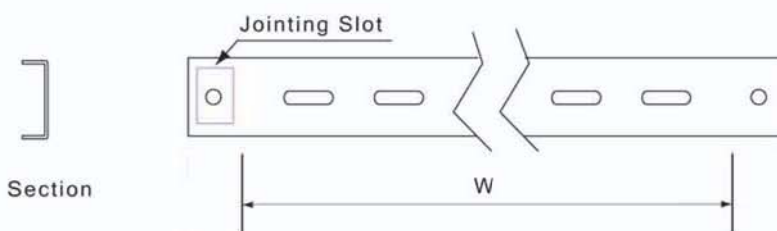
Part No.	W mm	FH mm	Thickness mm
ACLRF-1060	100	60	1.5
ACLRF-3060	300	60	1.5
ACLRF-4060	400	60	2.0
ACLRF-5060	500	60	2.0
ACLRF-6060	600	60	2.0
ACLRF-4075	400	75	2.0
ACLRF-5075	500	75	2.0
ACLRF-6075	600	75	2.0
ACLRF-6100	600	100	2.0



Section



Side View

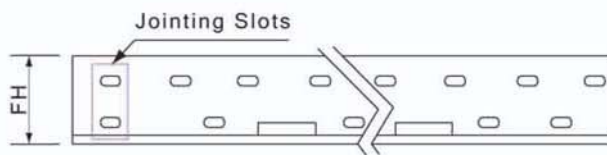
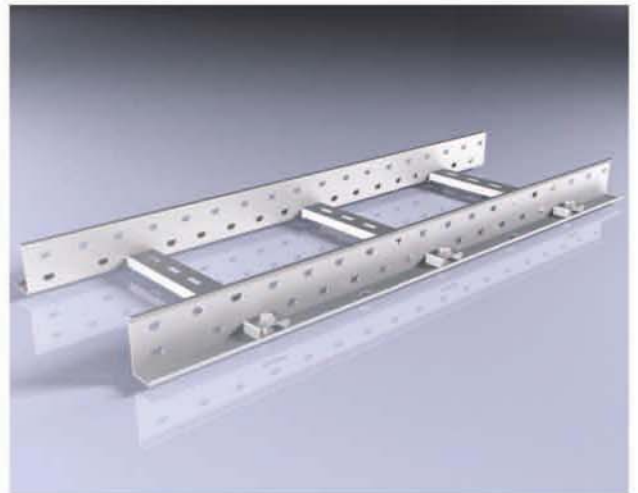


Section

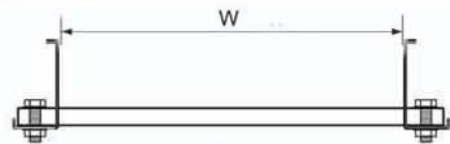
Top View

ASSEMBLE TYPE CABLE LADDER WITH FLAT FLANGE

Part No.	W mm	FH mm	Thickness mm
ACLFF-1060	100	60	1.5
ACLFF-3060	300	60	1.5
ACLFF-4060	400	60	2.0
ACLFF-5060	500	60	2.0
ACLFF-6060	600	60	2.0
ACLFF-4075	400	75	2.0
ACLFF-5075	500	75	2.0
ACLFF-6075	600	75	2.0
ACLFF-6100	600	100	2.0

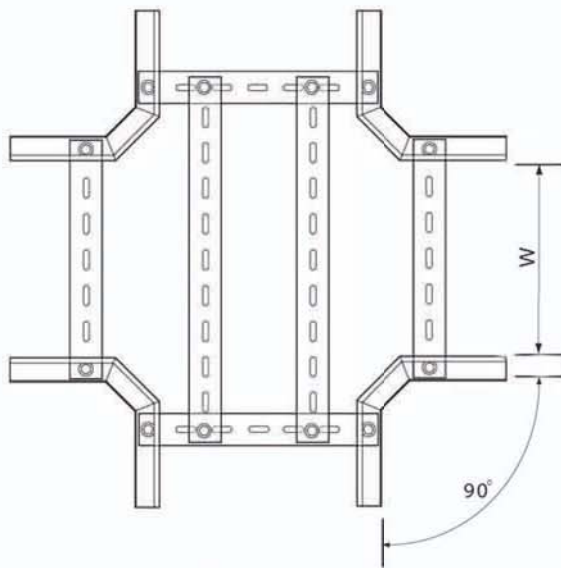


Side View



Front View

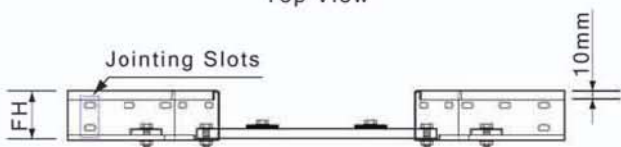
4 WAY JUNCTION



Top View

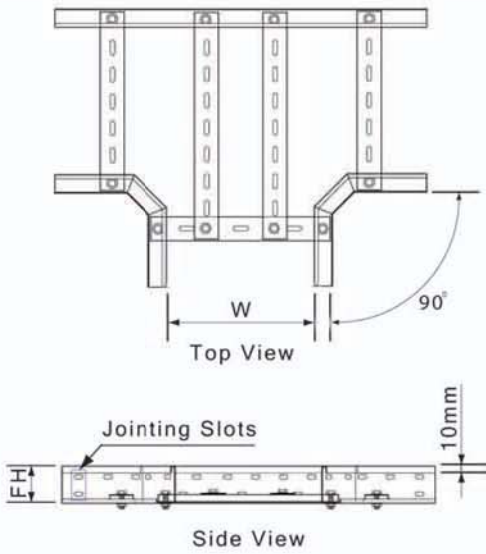


4-J-ACLR-***



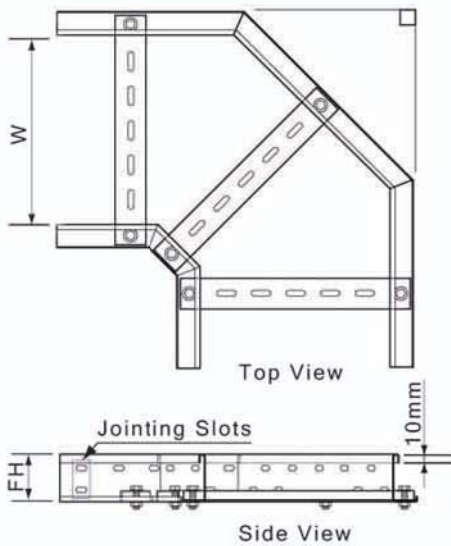
Side View

3 WAY JUNCTION



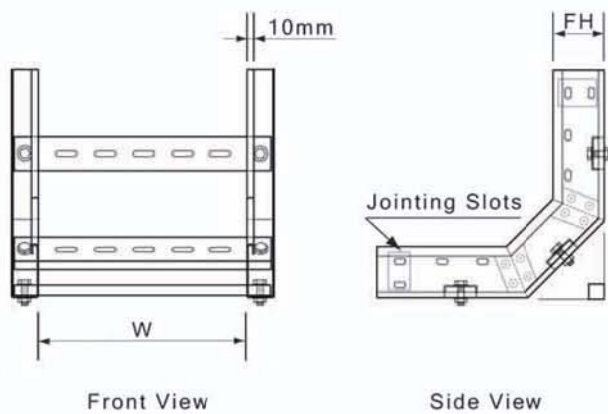
3-J-ACLR-***

BEND



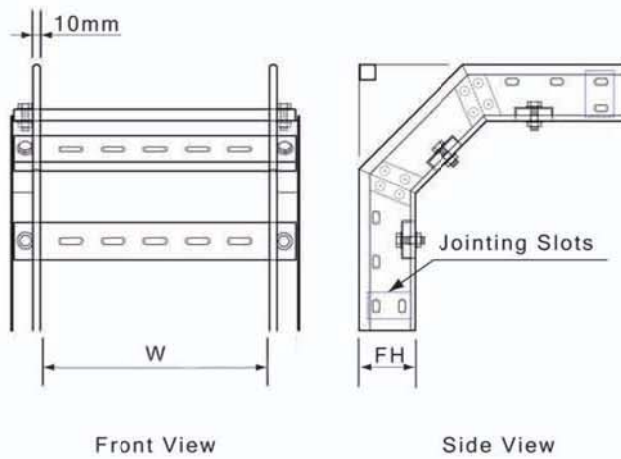
90-HB-ACLR-***

BEND INNER RISER



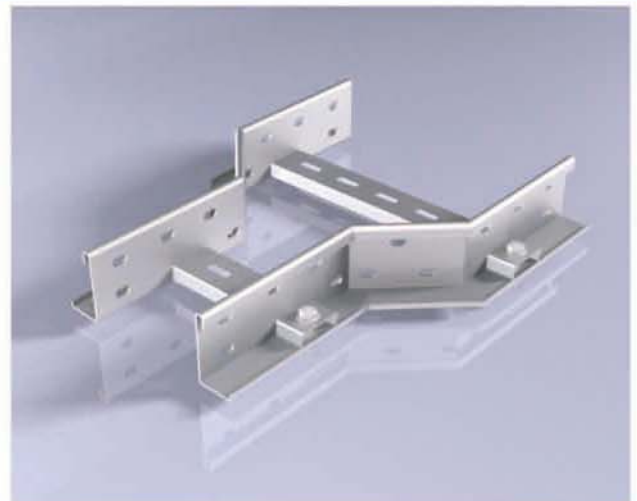
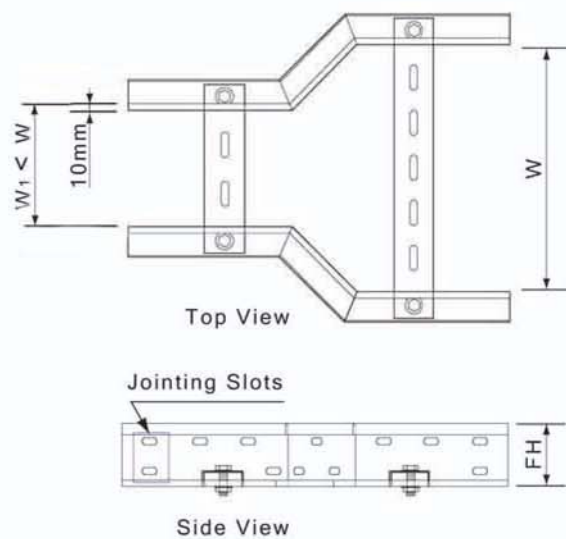
90-IR-ACLR-***

BEND OUTER RISER



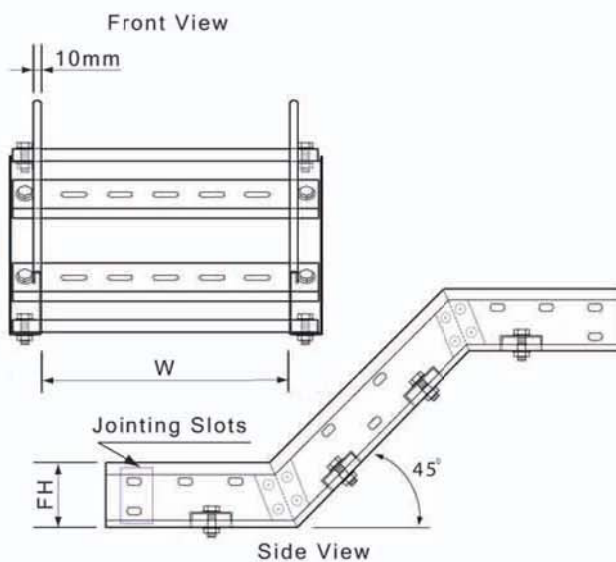
90-OR-ACLR-***

REDUCER



R-B-ACLR-***-***

LEVEL OFFSET FIXED TYPE



For adjustable offset refer page - 16.

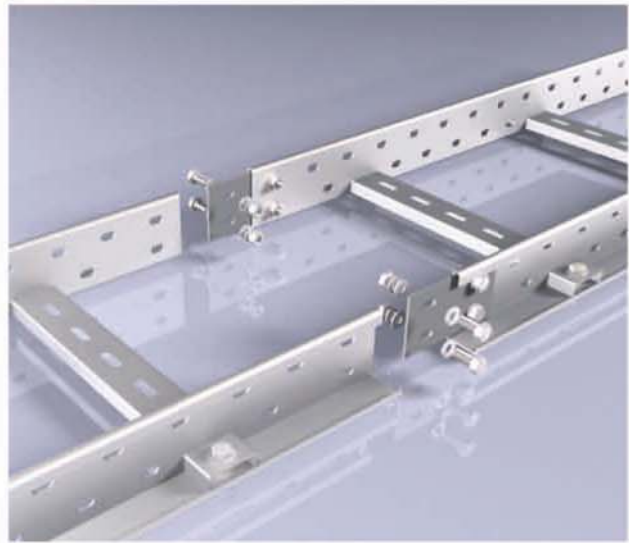
JOINTING FLAT PIECE



FJ-ACLR-***



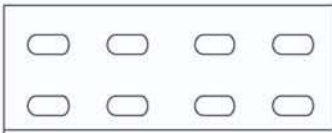
Side View



JOINTING PIECE L TYPE



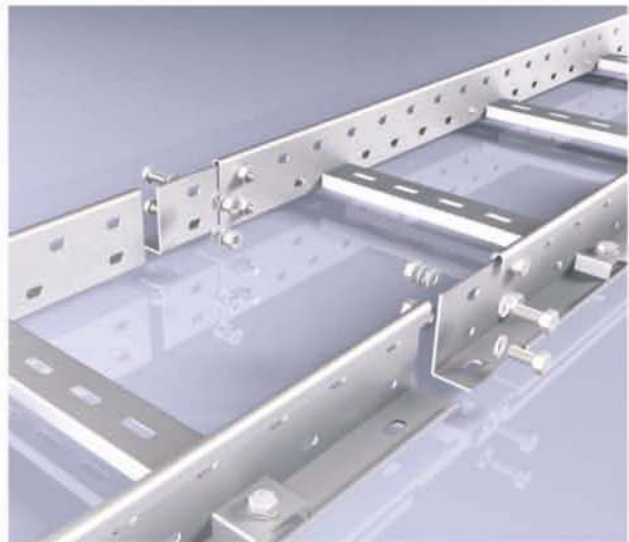
LJ-ACLR-***



Side View



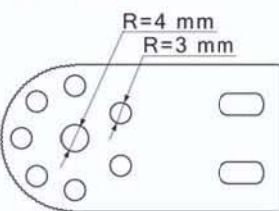
Section



ADJUSTABLE JOINT PIECE



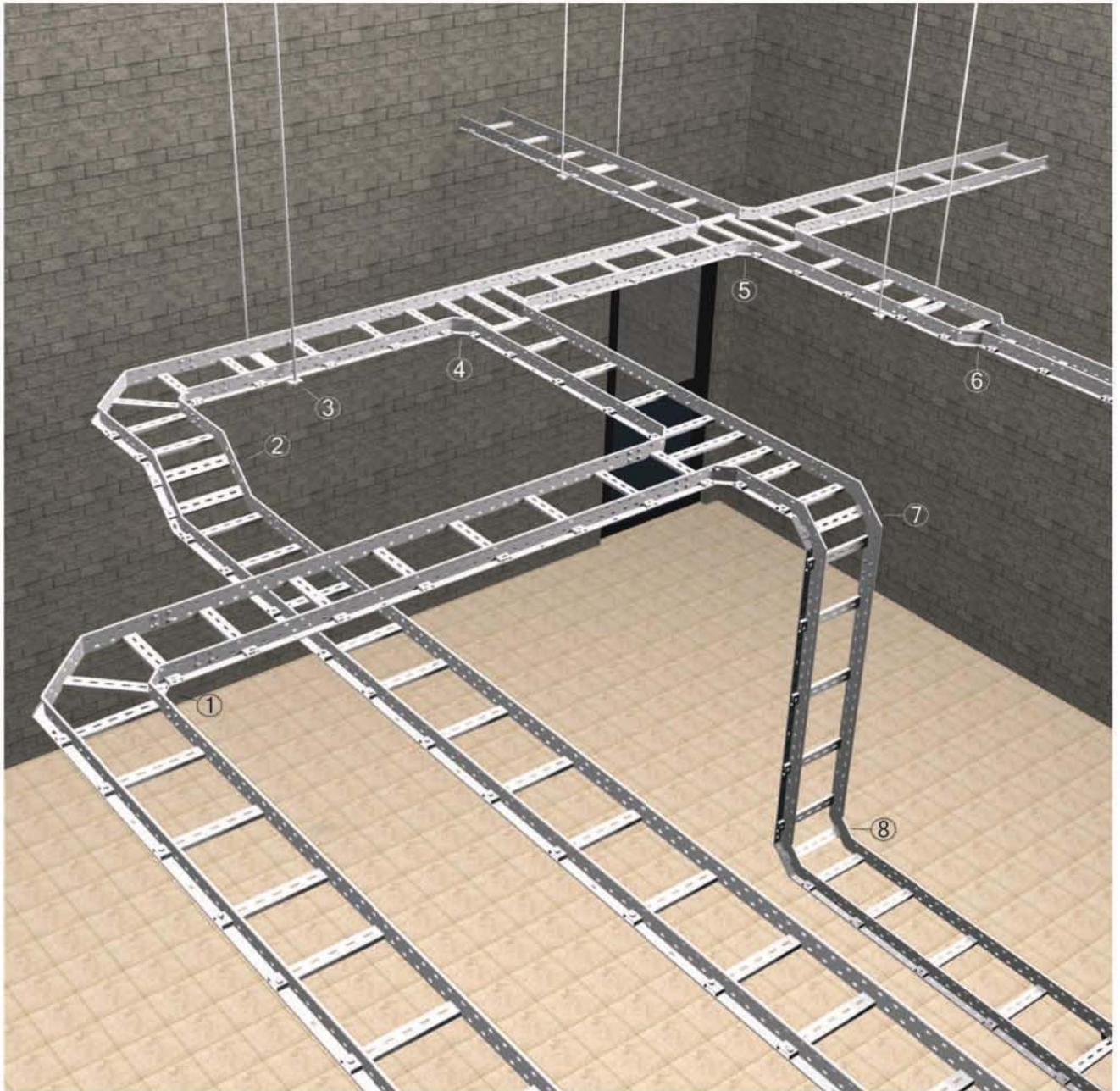
AJ-ACLR-***



Side View



Tight bolts after you adjust the position



- | | |
|-------------------|--------------------|
| ① Bend | ⑤ 4 way junction |
| ② Level offset | ⑥ Reducer |
| ③ Hanging bracket | ⑦ Bend outer riser |
| ④ 3 way junction | ⑧ Bend inner riser |

Cable Trunking Specifications

Material: Alu Zinc coated sheet metal

Material Thickness: Tray - 1.0 mm

Number of Compartments: Standard /Others on request

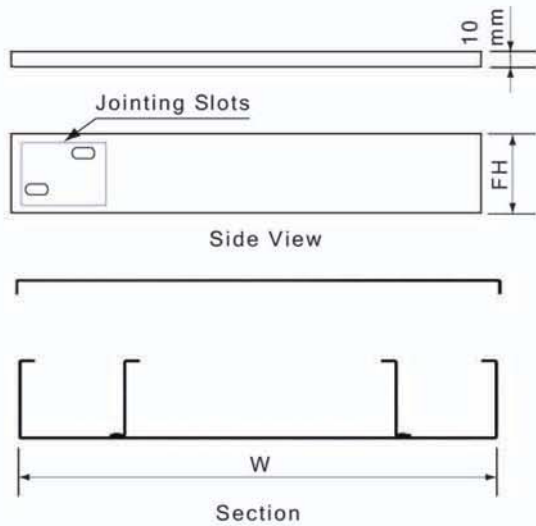
Surface Finish: 1) plain finish
2) powder coated

Powder Coat Thickness: 100 ± 20 microns

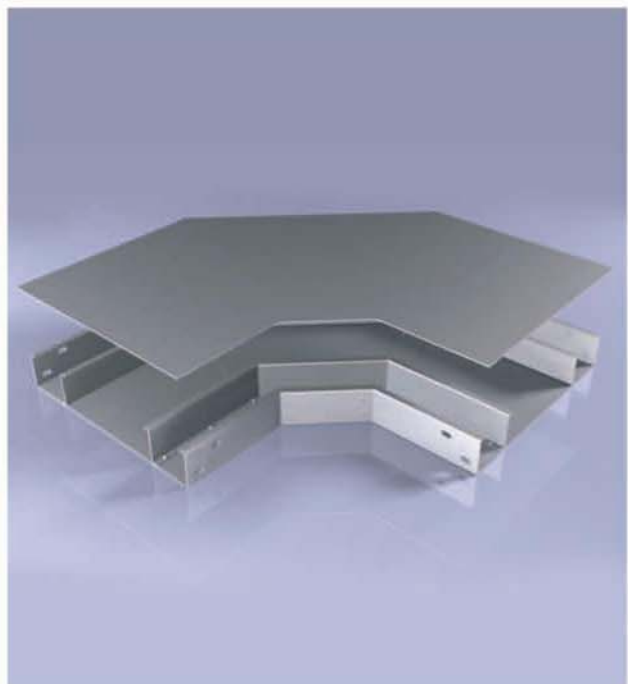
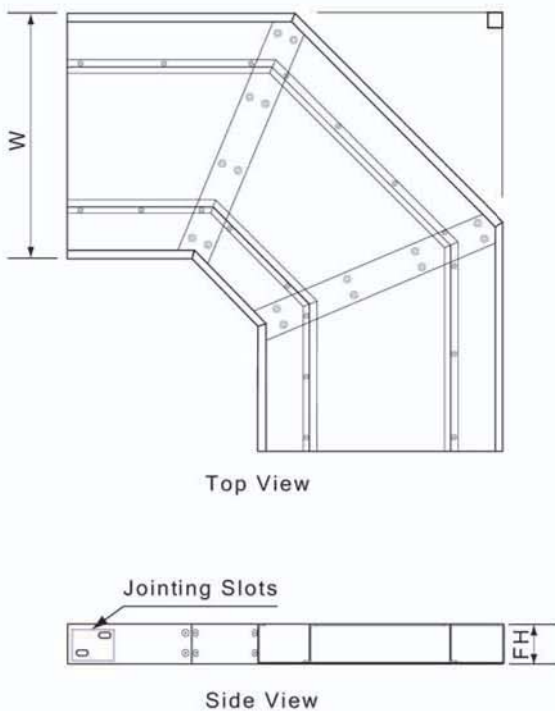
Warranty Against Corrosion: 30 years

3 COMPARTMENT TRUNKING

Part No.	W mm	FH mm	Thickness mm
3-CCT-1050	100	50	1.0
3-CCT-2050	200	50	1.0
3-CCT-3050	300	50	1.0
3-CCT-4050	400	50	1.0

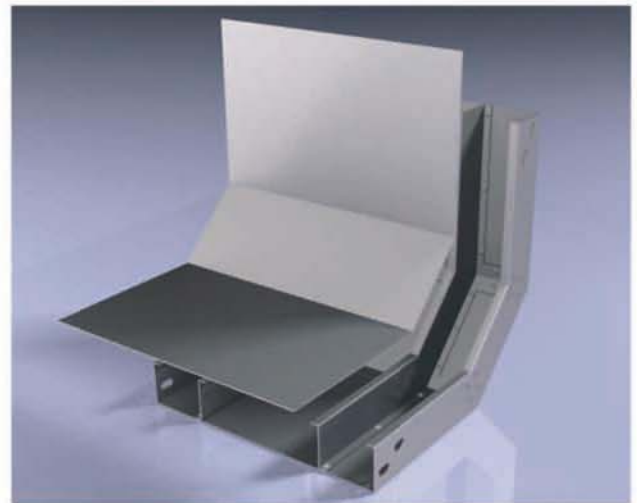
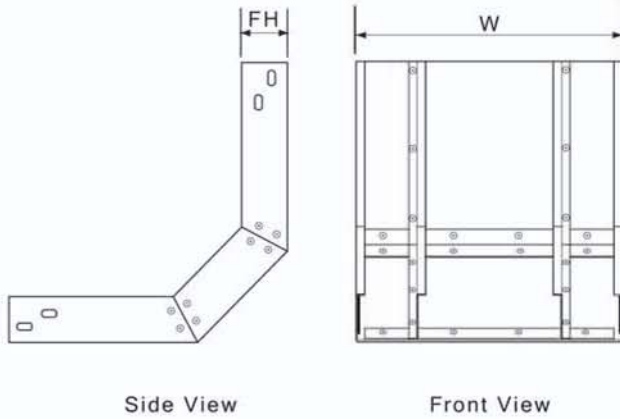


3 COMPARTMENT TRUNKING BEND



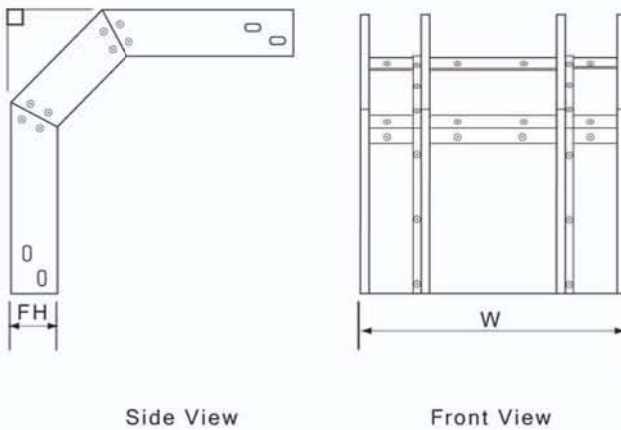
90-HB-3CCT-***

3 COMPARTMENT TRUNKING INNER BEND



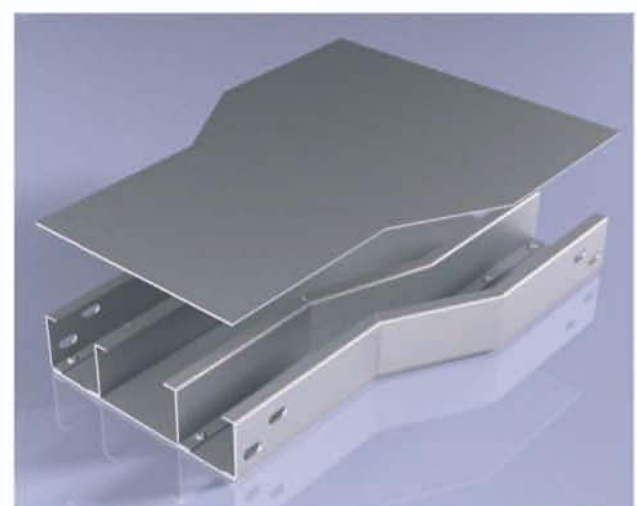
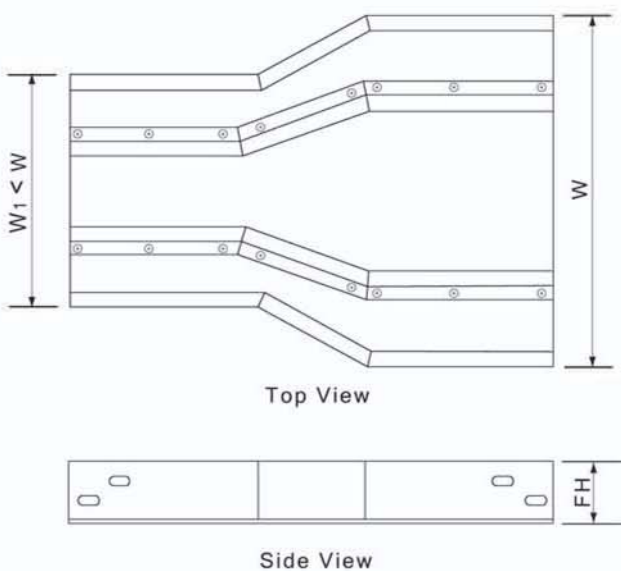
90-IR-3CCT-***

3 COMPARTMENT TRUNKING OUTER BEND



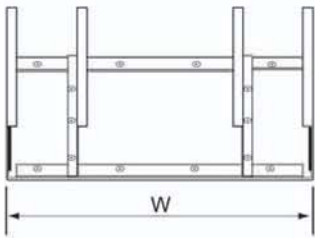
90-OR-3CCT-***

3 COMPARTMENT REDUCER

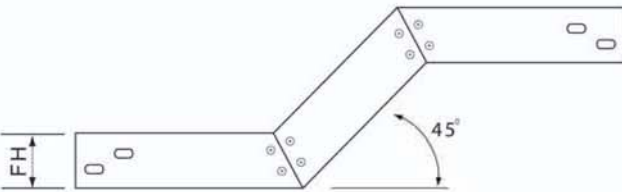


R-B-3CCT-***-***

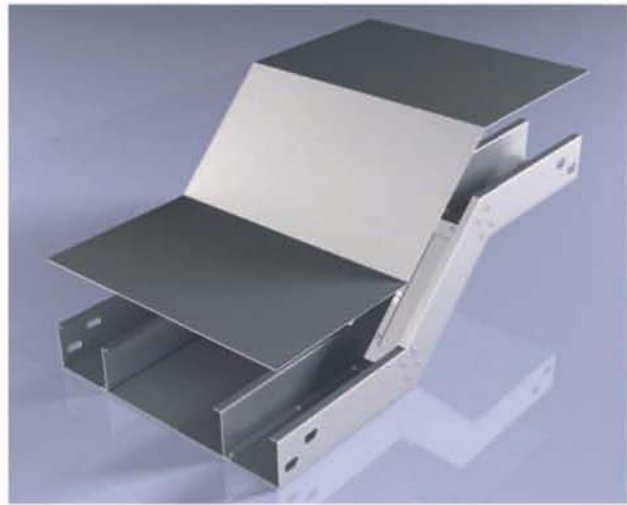
3 COMPARTMENT TRUNKING OFFSET



Front View



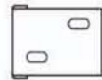
Side View



TRUNKING END



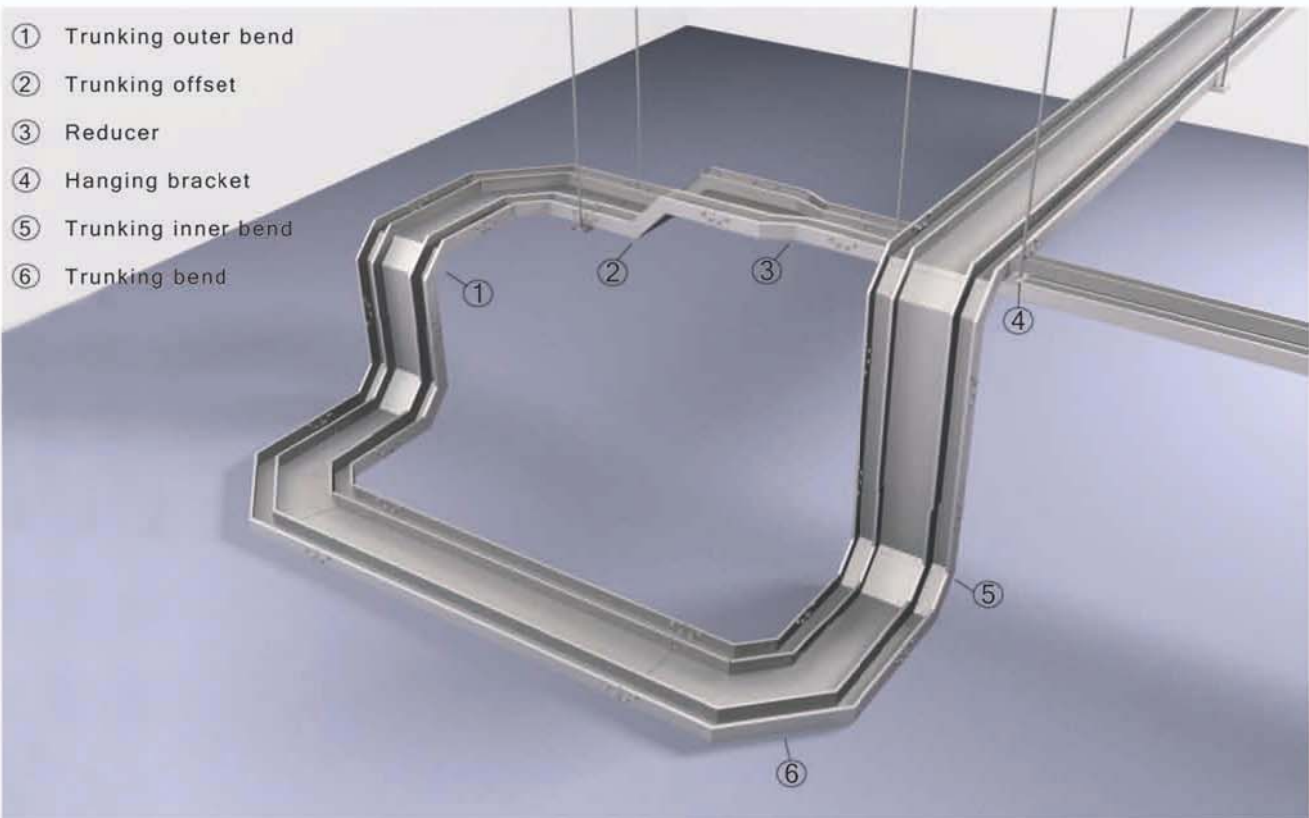
Top View



Side View



- ① Trunking outer bend
- ② Trunking offset
- ③ Reducer
- ④ Hanging bracket
- ⑤ Trunking inner bend
- ⑥ Trunking bend



Cable Trunking Specifications

Material: Alu Zinc coated sheet metal

Surface Finish: 1) plain finish
2) powder coated

Material Thickness: Tray - 1.5 mm
Lid - 2.0 mm

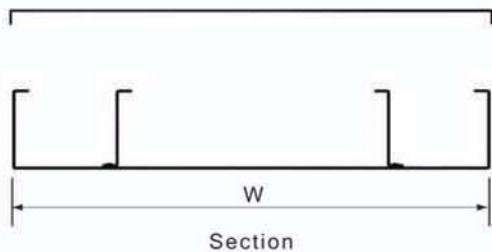
Powder Coat Thickness: 100 ± 20 microns

Number of Compartments : Standard /Others on request

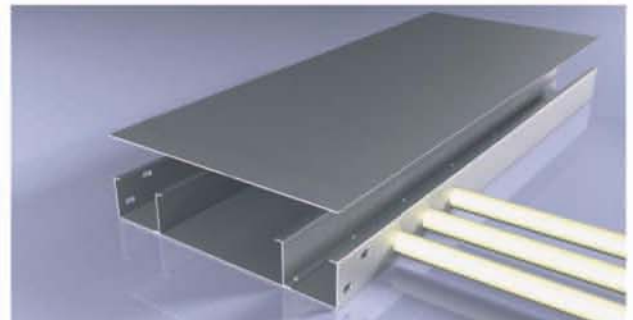
Warranty Against Corrosion: 30 years

3 COMPARTMENT FLOOR TRUNKING

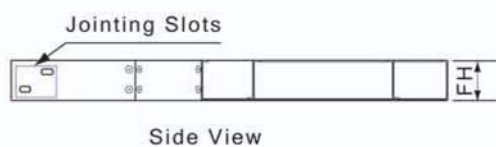
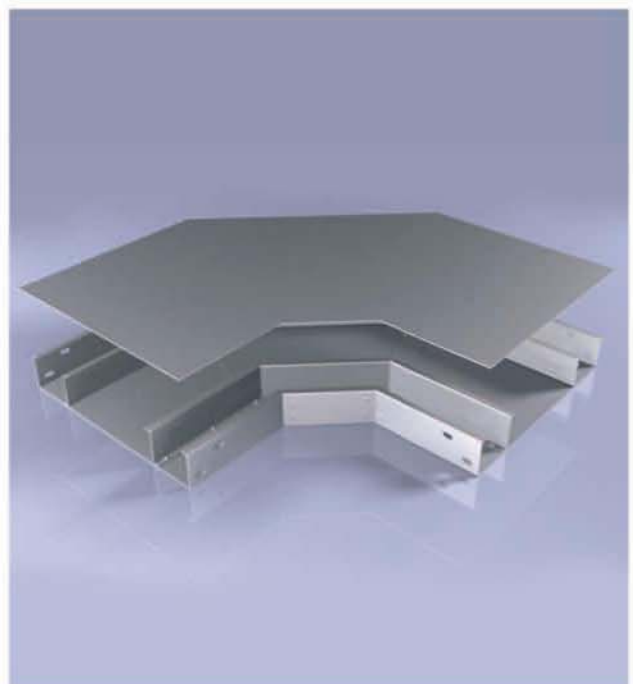
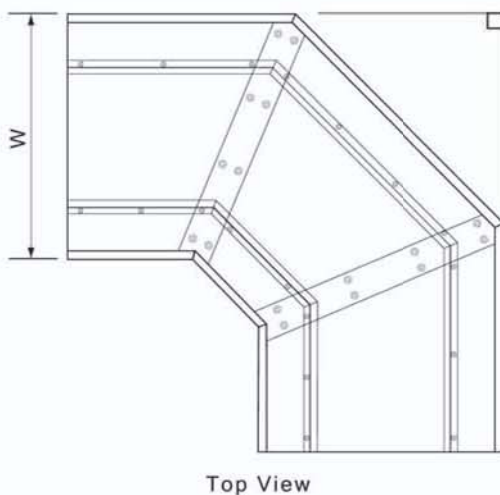
Part No.	W mm	FH mm	Thickness mm	Lid mm
3CFT-2050	200	50	1.5	2.0
3CFT-2070	225	70	1.5	2.0
3CFT-3050	300	50	1.5	2.0
3CFT-3070	300	70	1.5	2.0



Options:
Manufacture on request
Cable Access to Conduites

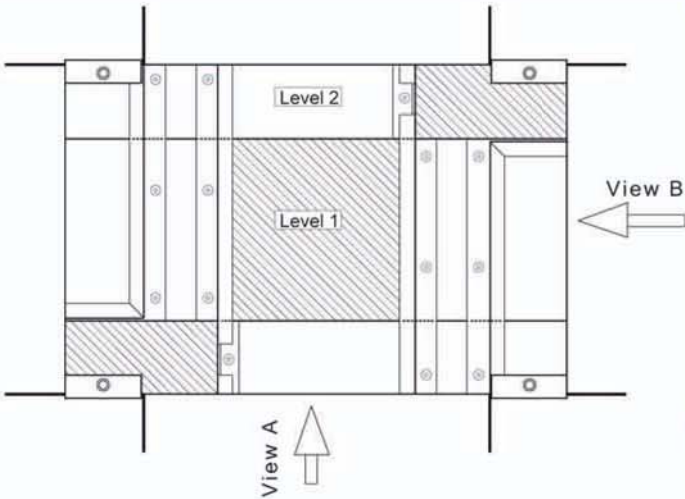


FLOOR TRUNKING BEND

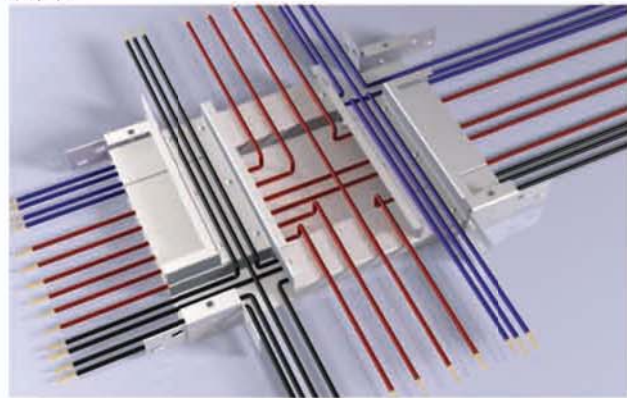
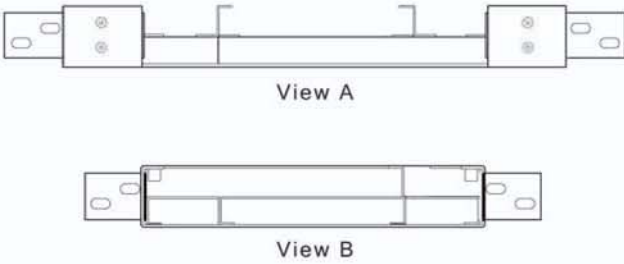


90-HB-3CFT-***

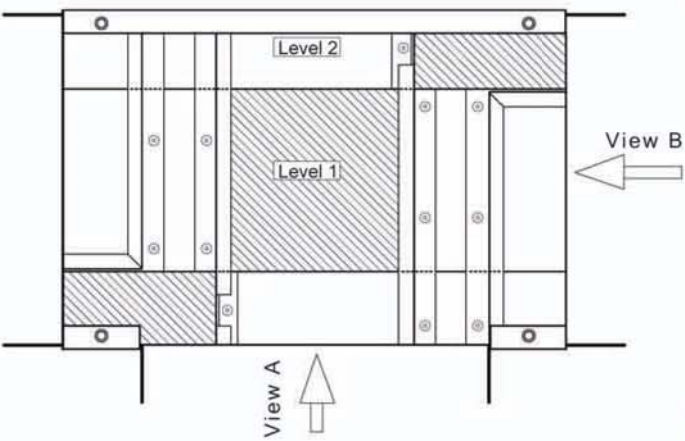
FLOOR TRUNKING - 4 WAY FLYOVER INTERSECTION



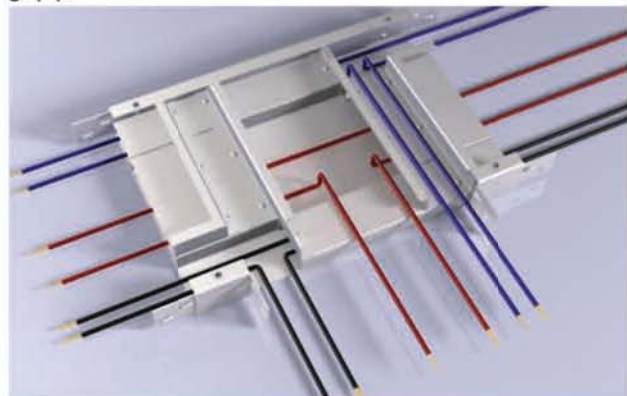
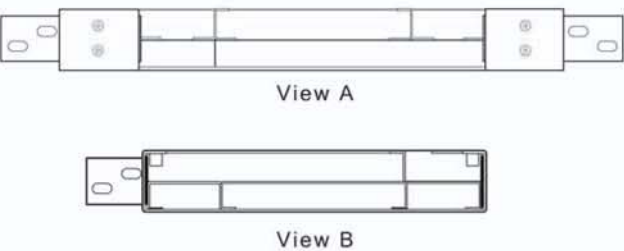
4-FI-***



FLOOR TRUNKING - 3 WAY FLYOVER INTERSECTION

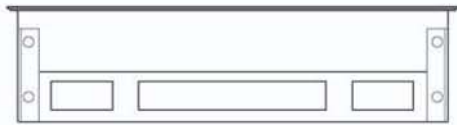


3-FI-***



NOTE:
 Data Cables
 Electrical Cables
 Telephone Cables

FLOOR TRUNKING - 4 WAY SERVICE BOX TYPE I



Front View



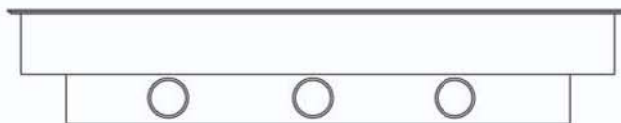
Side View



FLOOR TRUNKING - 4 WAY SERVICE BOX TYPE II



Front View

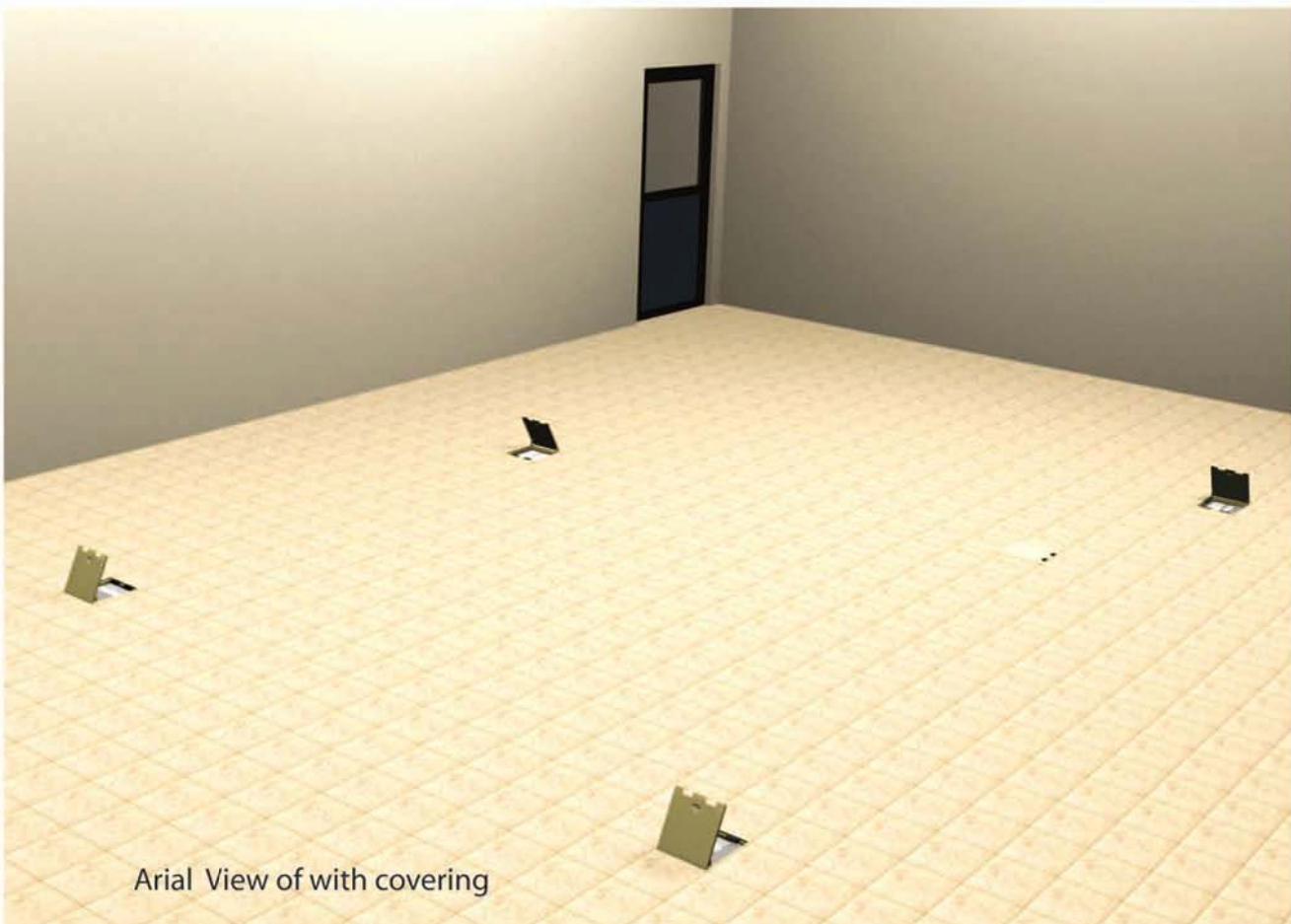
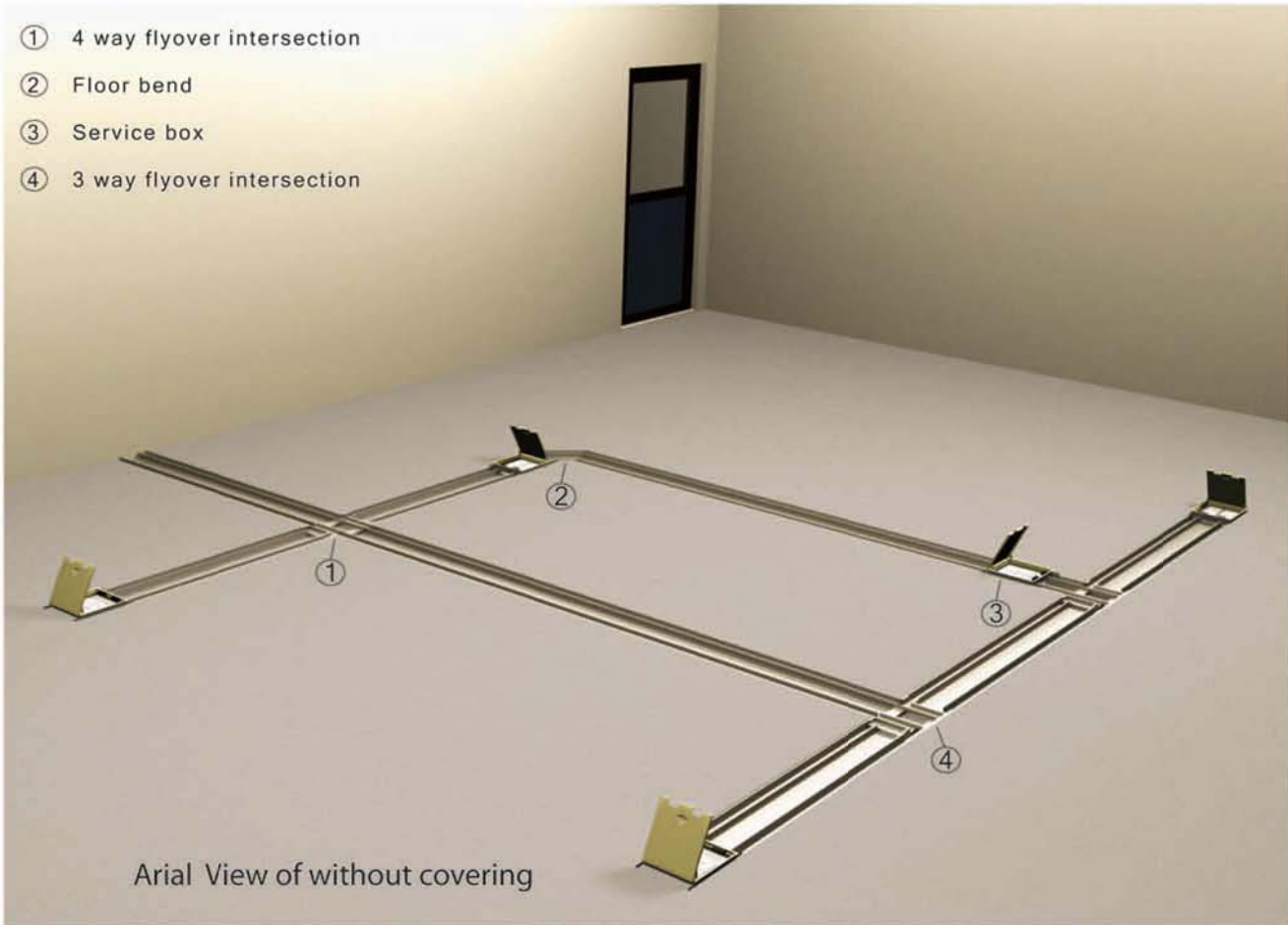


Side View



Description	Part No	Data	Power	Voice
2 Way	SB02	1	1	
4 Way	SB04	1	3	
			2	1
6 Way	SB06	1	4	
			3	1
8 Way	SB08	2	3	1
			6	
9 Way	SB09	2	4	
			5	2

- ① 4 way flyover intersection
- ② Floor bend
- ③ Service box
- ④ 3 way flyover intersection





MOUNTING STEPS



Step 1:
Draw mounting planning



Step 2:
Mounting of underfloor boxes



Step 3:
Mounting riser bends, flat bends, Etc.

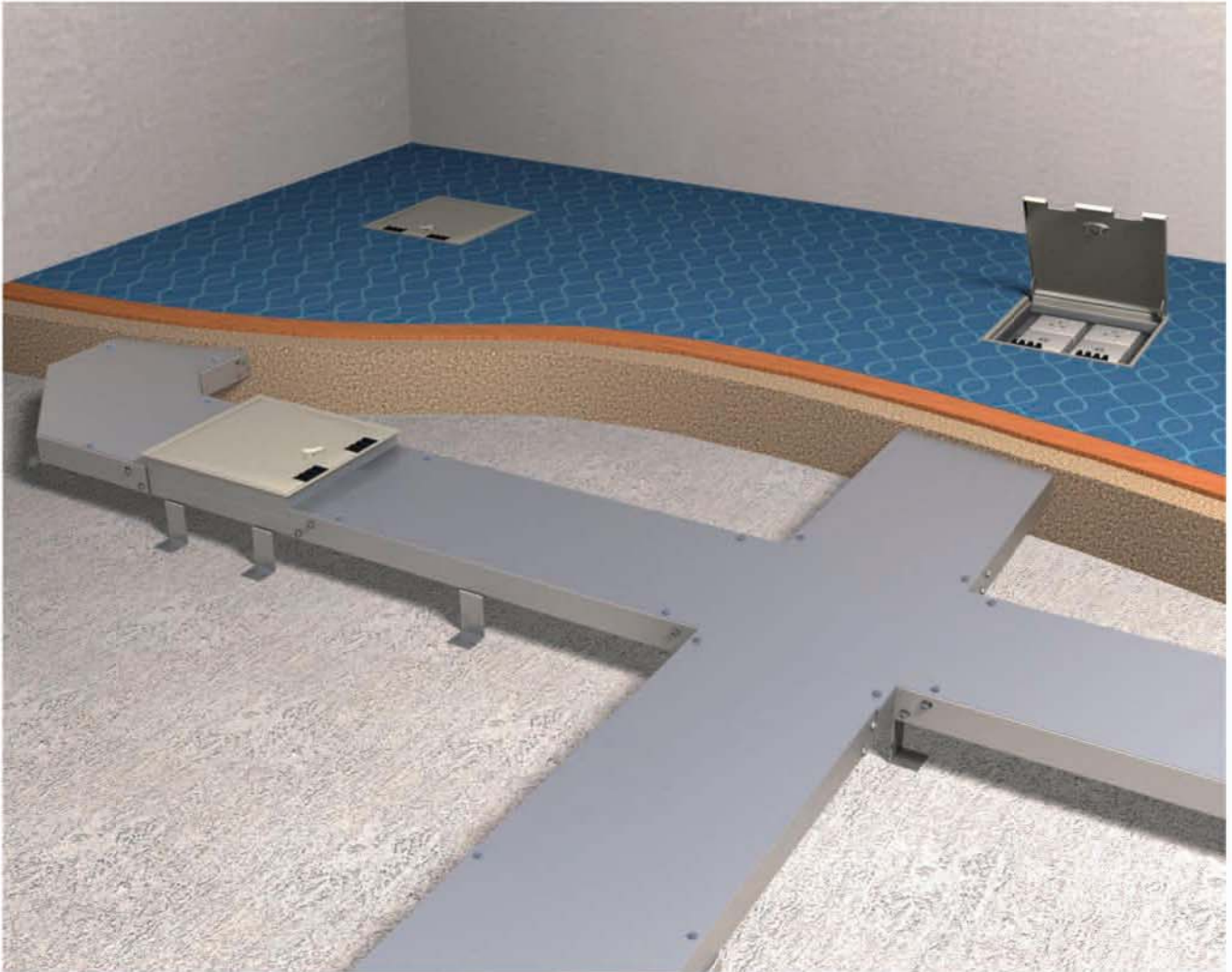


Step 4:
Connecting trays.



Step 5:
Fixing lids with the screws after laying the cables.
Lids can remove any time, if it is necessary to add more cables.

SCREED TRUNKING



This system also could be used when there is no screed or very low screed height and under rise floor system.

Duct sections and underfloor boxes form a tight grid, hidden in the screed, providing cable routing paths and installation options for electrical resources.

Underfloor ducts and boxes are designed to be particularly robust, in order to withstand the increased

Cable Trunking Specifications

Material: Alu Zinc coated sheet metal

Surface Finish: 1) plain finish
2) powder coated

Material Thickness: Tray - 1.0 mm
Lid - 1.0 mm

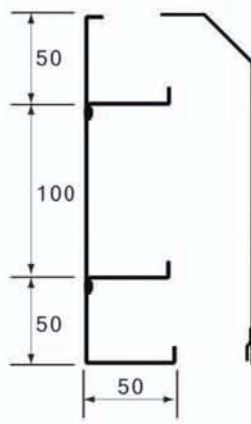
Powder Coat Thickness: 100 ± 20 microns

Number of Compartments : Standard /Others on request

Warranty Against Corrosion: 30 years

SKIRTING TRUNKING

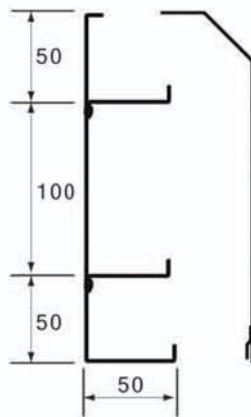
Part No.	W mm	FH mm	Thickness mm
ST-2050	200	50	1.0



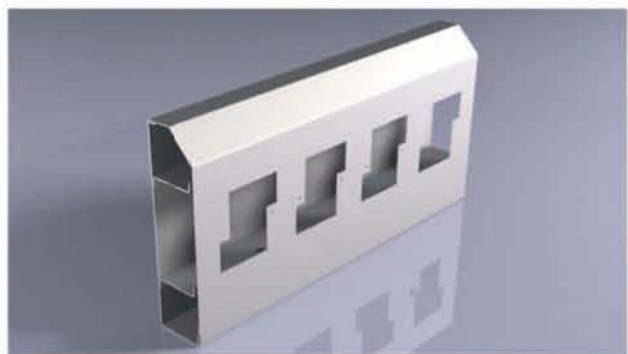
Section



SKIRTING TRUNKING - SERVICE OUTLET COVER



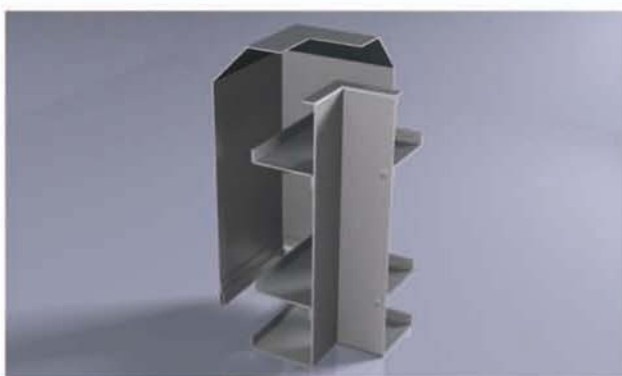
Section



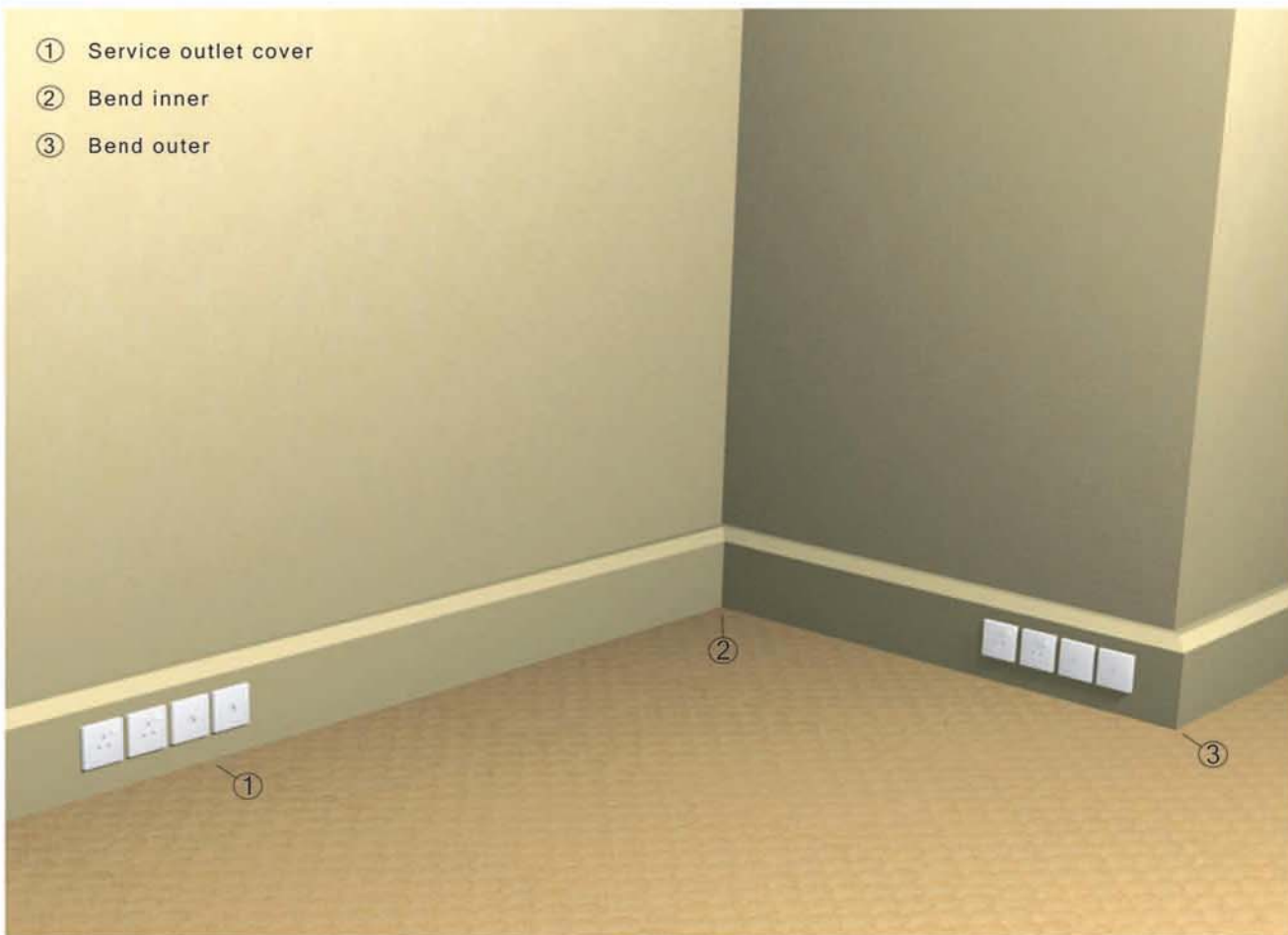
SKIRTING TRUNKING - BEND INNER



SKIRTING TRUNKING - BEND OUTER



- ① Service outlet cover
- ② Bend inner
- ③ Bend outer



CNC AMADA '2510NT'
Double Servo Turret Punch



CNC AMADA 'GR M2 1002'
Bender



RAMPF
Robotic Arm Gasketing
Machine





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