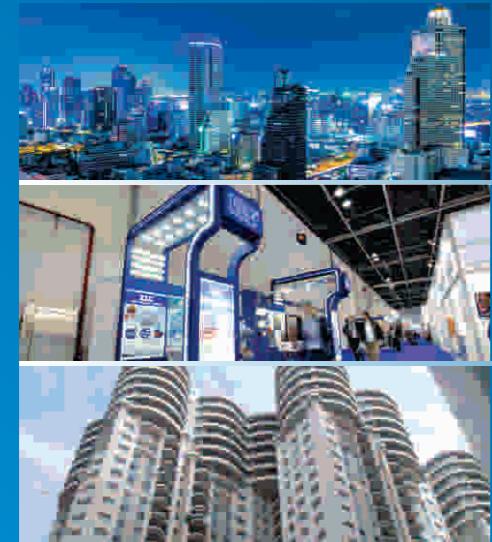


OUR MARKETS SECTORS

Our products are supplied to building and construction sectors such as:

- Industrial factories.
- High rise residential condominiums.
- Residential properties and resorts
- Retail, office and commercial buildings.
- Infra structural projects.



Industrial factories.

Residential properties and resorts

Infra structural

High rise residential condominiums.

REDEFINING QUALITY AND STANDARDS IN CABLE MANAGEMENT SYSTEMS



CERT No.2007-2-1593
ISO 9001 : 2015



Industrial factories.

Residential properties and resorts

Retail, office and commercial buildings.

www.cee.com.my

All dimensions shown are nominal. **CEE Industries Sdn. Bhd.** reserves the right to make, without notice, such modifications in design, specifications, materials or finishes as it deems necessary or desirable.

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ABOUT US

We strive to be an international and innovative high quality cable management systems provider. Our trusted and innovative solution has been serving projects in industrial factories, high rise buildings and infrastructures for 30 years. **CEE** is continuously investing in machinery and technology to elevate the level of service and quality. With the wealth of experience in providing cable management systems in coastal site, industrial processing plant and underground projects that will meet the demand of corrosive environments. **CEE** cable management systems has been designed to stand up to the variety of natural climatic and environmental conditions. In particular, the introduction of **Superdyne™** for extreme environments.

We believe the excellent working relationships are important for our business to develop and grow. As your partner, we are committed to adding value with the highest level of service, support and innovative range of cable management systems. Contractors and engineers want to deal with a company that understand the challenges in tight schedule project management from consolidating to shipping, arranging mass quantities of materials in order, providing on time information, to complete detailed documents required to support international shipments.

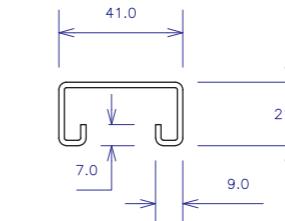
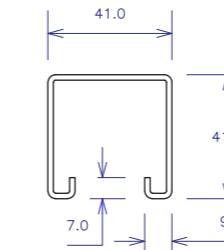


CEE CABLE MANAGEMENT SYSTEMS

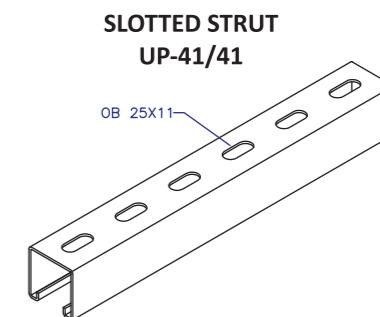
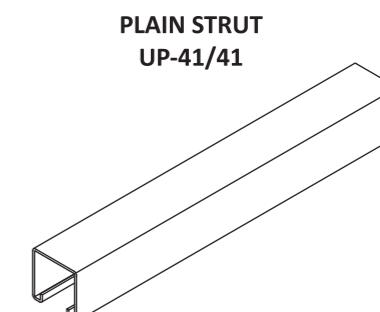
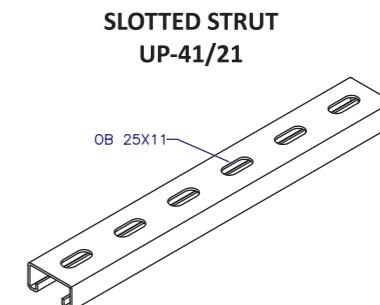
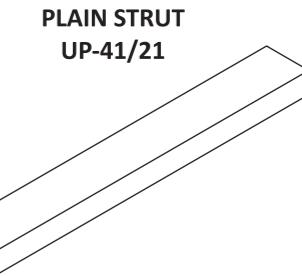
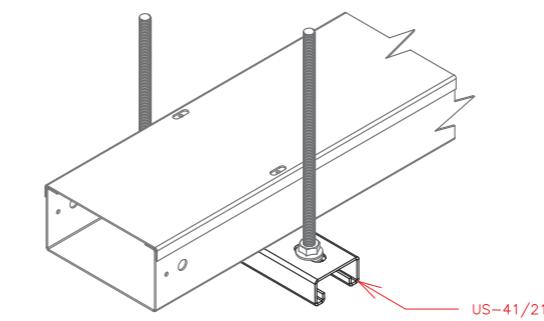
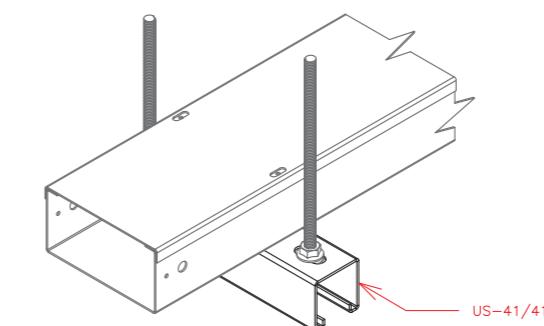
HEAVY DUTY STRUT CHANNEL

BS 6946 UNISTRUT (LENGTH 3000mm)		
TYPE	ITEM CODE	THICKNESS
PLAIN	UP-41/21	2.3MM
SLOTTED	US-41/21	2.3MM
PLAIN	UP-41/41	2.3MM
SLOTTED	US-41/41	2.3MM

Other requirements available upon request.



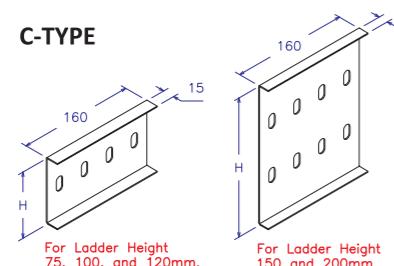
EXAMPLE OF APPLICATION



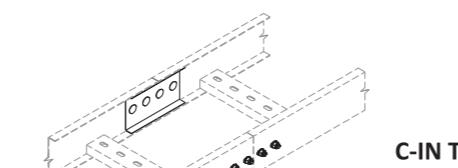
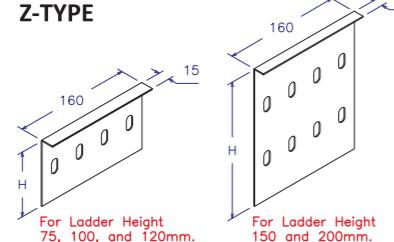
CABLE LADDER ACCESSORIES

CABLE LADDER JOINT

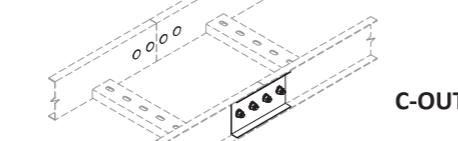
C-TYPE



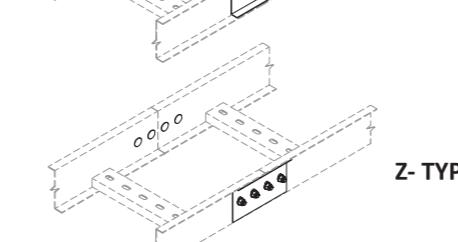
Z-TYPE



C-IN TYPE

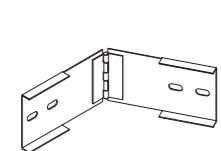


C-OUT TYPE

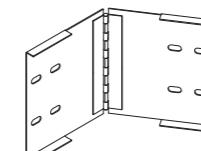


Z-TYPE

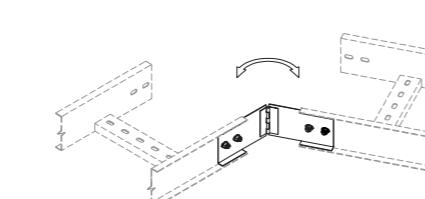
HORIZONTAL ADJUSTABLE LADDER JOINT



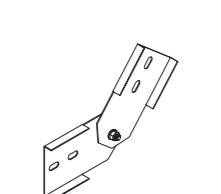
For Ladder Height 75, 100, and 120mm. C-Type



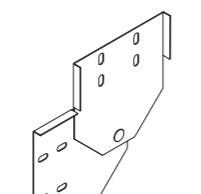
For Ladder Height 150 and 200mm. C-Type



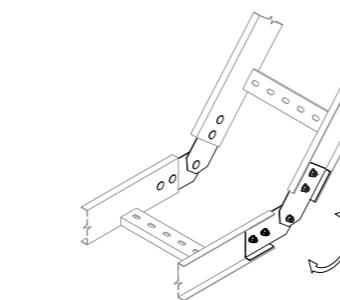
VERTICAL ADJUSTABLE LADDER JOINT



For Ladder Height 75, 100, and 120mm. C-Type

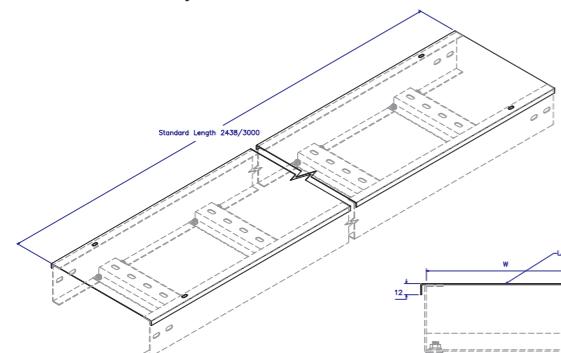


For Ladder Height 150 and 200mm. C-Type

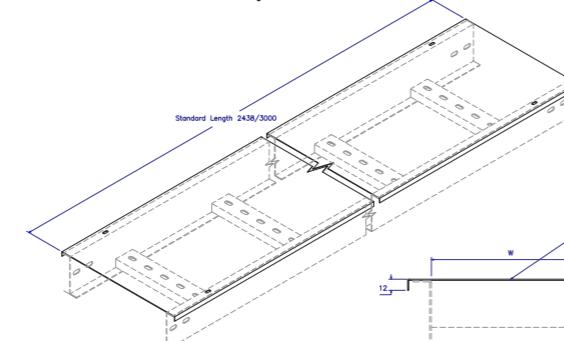


CABLE LADDER'S COVER

C-IN C/W TAPPING SCREW



C-OUT AND Z-TYPE C/W TAPPING SCREW



Thanks to our global network and partners at key strategic locations including Singapore, Southern and Central region of Peninsular Malaysia, Yangon Myanmar, Perth Australia, Abu Dhabi UAE and many gulf countries. We deliver proven cable management systems on time to projects around the world.

TECHNICAL BRIEF

CABLE MANAGEMENT SYSTEMS

Cable management system is used to support insulated electric cables used for power distribution and communication. Cable management systems are used as an alternative to open wiring, and are commonly used for cable management in commercial and industrial construction. They are especially useful in situations where changes to a wiring system are anticipated, since new cables can be installed by laying them in the tray, trunking or cable ladder.

MATERIAL USED AND CORROSION PROTECTION

HOT ROLLED (HR) STEEL

HR steel is typically less expensive and produced in thicker gauges of 2.0mm and upwards. HR and CR steel is the most likely to corrode and therefore the least expensive of the three metals most commonly perforated. Most grades can be protected against corrosion by post galvanising (dipping into hot zinc) or various painting treatments.

COLD ROLLED (CR) STEEL

Cold rolled steel provides tighter tolerances and better surface finishes. While it can be produced in practically any gauge, it is most readily available in thinner gauges from 0.4mm – 3.0mm. This material can be post galvanized, painted or epoxy powder coated after the perforation process to be protected against corrosion.

PRE-GALVANIZED ZINC

(Mill galvanized, hot dip mill galvanized or continuous hot dip galvanized) Pre-galvanized steel is produced by coating coils of sheet steel with zinc by continuously rolling the material through molten zinc at the mills. This is also known as mill galvanized or hot dip mill galvanized. These coils are then slit to size and fabricated by roll forming, shearing, punching, or forming to produce our pre-galvanized strut products. During fabrication, cut edges and welded areas are not normally zinc coated; however, the zinc near the uncoated metal becomes a sacrificial anode to protect the bare areas after a short period of time.

ELECTROGALVANIZED ZINC

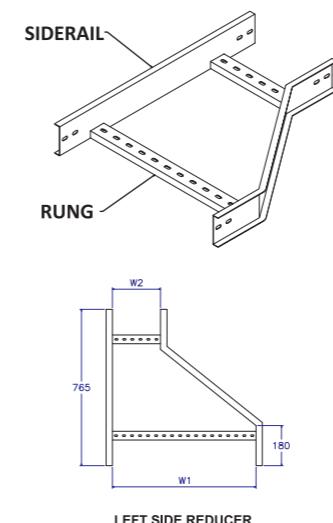
Electrogalvanized Zinc (also known as zinc plated or electroplated) is the process by which a coating of zinc is deposited on the steel by electrolysis from a bath of zinc salts. When exposed to air and moisture, zinc forms a tough, adherent, protective film consisting of a mixture of zinc oxides, hydroxides, and carbonates. This film is in itself a barrier coating which slows subsequent corrosive attack on the zinc. This coating is usually recommended for indoor use in relatively dry areas, as it provides ninety-six hours protection in salt spray testing per ASTM B117.

HOT DIP GALVANIZED AFTER FABRICATION

Hot dip galvanized strut products are fabricated from steel and then completely immersed in a bath of molten zinc. A metallic bond occurs resulting in a zinc coating that completely coats all surfaces, including edges and welds. The layer of zinc which bonds to steel provides a dual protection against corrosion. It protects first as an overall barrier coating. If this coating happens to be scratched or gouged, zinc's secondary defense is called upon to protect the steel by galvanic action. Hot-Dip Galvanized After Fabrication is recommended for prolonged outdoor exposure and will usually protect steel for 20 years or more in most atmospheric environments and in many industrial environments.

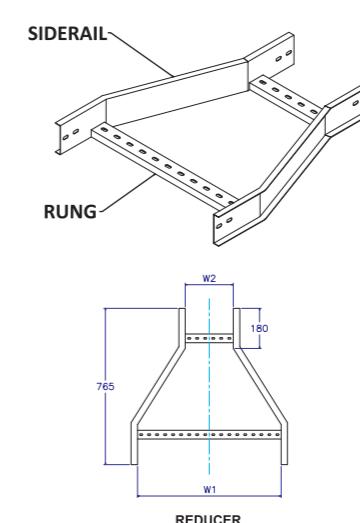
CABLE LADDER FITTINGS

LEFT SIDE REDUCER



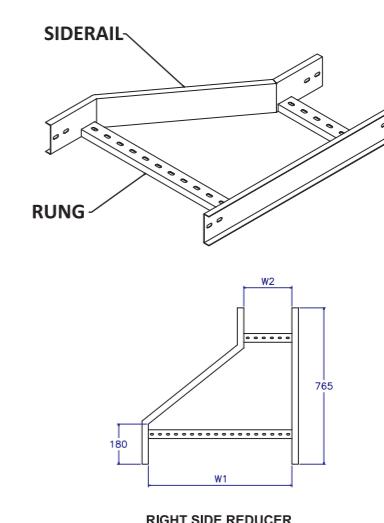
LEFT SIDE REDUCER
WDL-LRD W1/W2-C-OUT (C)

REDUCER



REDUCER
WDL-RD W1/W2-C-OUT (C)

RIGHT SIDE REDUCER



RIGHT SIDE REDUCER
WDL-RRD W1/W2-C-OUT (C)

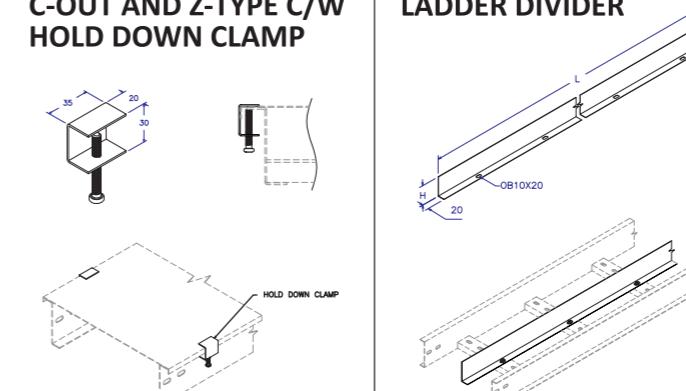
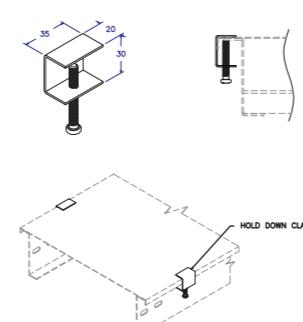
PRODUCT CODE DESCRIPTION											
LADDER TYPE	CODE	REDUCER TYPE	CODE	SIZE	CODE (W)	HEIGHT	CODE	SIDERAIL	CODE	COLOUR (C)	CODE
Knock Down	KDL	Reducer	RD	150	6	75	75H	C-In	C-In	Hot-Dip	HD
Welded	WDL	Right Side	RRD	300	12	100	100H	C-Out	C-Out	Superdyma	SD
		Left Side	LRD	450	18	120	120H	Z	Z	White	W
				600	24	150	150H			Orange	O
				750	30	200	200H			Grey	GR
				900	36					Beige	B
				1000	40						
				1200	48						

Note:

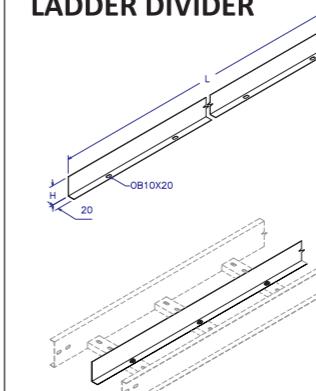
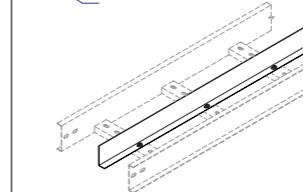
- 1) Fitting only shows for C-Out Type Ladder. Please indicates the type of siderail as required.
- 2) For Knock Down Type Ladder, siderail only available for C-In and Z-Type only
- 3) Example for Code
300-150 X150H Knock Down Z Type Ladder Reducer White.
KDL-RD 12/6(150)-Z W
- 4) Other sizes, dimension, and colours are available upon request.

LADDER ACCESSORIES

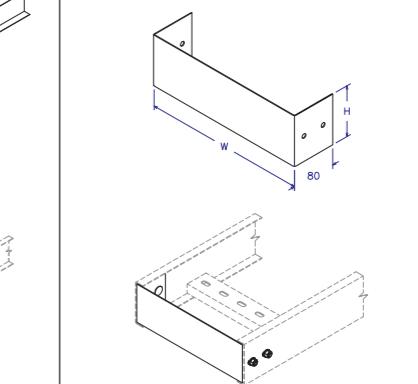
C-OUT AND Z-TYPE C/W HOLD DOWN CLAMP



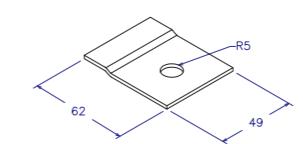
LADDER DIVIDER



LADDER END PLATE



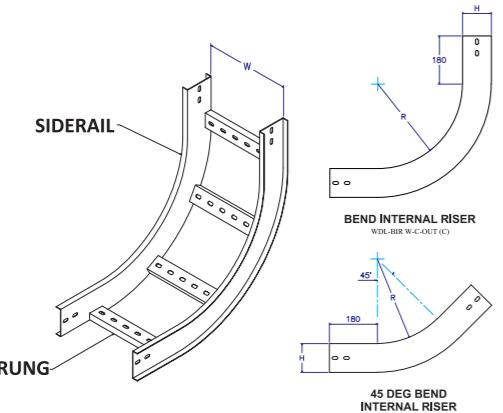
LADDER HOLD CLIP



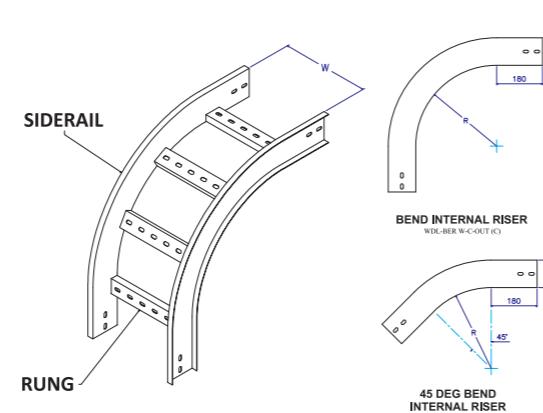
LADDER DROP OUT PLATE

CABLE LADDER FITTINGS

BEND INTERNAL RISER



BEND EXTERNAL RISER

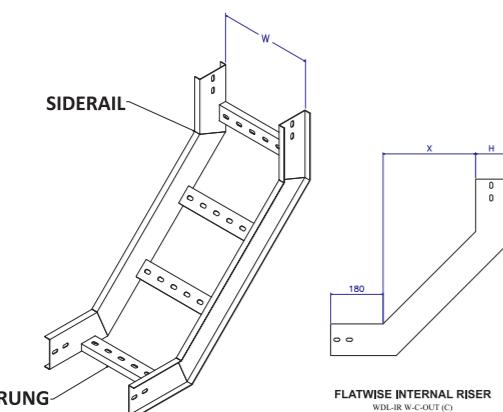


PRODUCT CODE DESCRIPTION														
LADDER TYPE	CODE	RISER TYPE	CODE	ANGLE	CODE	SIZE	CODE (W)	R	HEIGHT	CODE	SIDERAIL	CODE	COLOUR (C)	CODE
Knock Down	KDL	Bend Internal	BIR	45	45	150	6		75	75H	C-In	C-In	Hot-Dip	HD
Welded	WDL	Bend External	BER	90	—	300	12		100	100H	C-Out	C-Out	Superdyma	SD
						450	18		120	120H	Z	Z	White	W
						600	24		150	150H			Orange	O
						750	30		200	200H			Grey	GR
						900	36						Beige	B
						1000	40							
						1200	48							

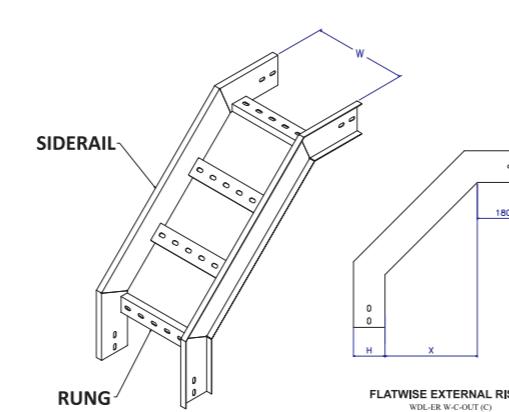
Note:

- 1) Fitting only shows for C-Out Type Ladder. Please indicates the type of siderail as required.
- 2) For Knock Down Type Ladder, siderail only available for C-In and Z-Type only
- 3) Example for Code 300mmx150H Knock Down Z Type Ladder Bend Internal Riser White KDL-BIR 12(150)-Z W
- 4) Other sizes, dimension, and colours are available upon request.

FLATWISE INTERNAL RISER



FLATWISE EXTERNAL RISER



PRODUCT CODE DESCRIPTION												
LADDER TYPE	CODE	CROSS TYPE	CODE	SIZE	CODE (W)	X	HEIGHT	CODE	SIDERAIL	CODE	COLOUR (C)	CODE
Knock Down	KDL	Internal	IR	150	6		75	75H	C-In	C-In	Hot-Dip	HD
Welded	WDL	External	ER	300	12		100	100H	C-Out	C-Out	Superdyma	SD
				450	18		120	120H	Z	Z	White	W
				600	24		150	150H			Orange	O
				750	30		200	200H			Grey	GR
				900	36						Beige	B
				1000	40							
				1200	48							

Note:

- 1) Fitting only shows for C-Out Type Ladder. Please indicates the type of siderail as required.
- 2) For Knock Down Type Ladder, siderail only available for C-In and Z-Type only
- 3) Example for Code 300mmx150H Knock Down Z Type Ladder Flatwise Internal Riser KDL-IR 12(150)-Z W
- 4) Other sizes, dimension, and colours are available upon request.

TECHNICAL BRIEF

MATERIAL USED AND CORROSION PROTECTION

ALUMINUM

1100 aluminium alloy is aluminium-based alloy in the "commercially pure" wrought family (1000 or 1xxx series). With a minimum of 99.0% aluminum, it is the most heavily alloyed of the 1000 series. It is also the mechanically strongest alloy in the series, and is the only 1000-series alloy commonly used in rivets. At the same time, it keeps the benefits of being relatively lightly alloyed (compared to other series), such as high electrical conductivity, corrosion resistance, and workability.

EPOXY POWDER COATING

Powder coating is a type of coating that is applied as a free-flowing, dry powder. The main difference between a conventional liquid paint and a powder coating is that the powder coating does not require a solvent to keep the binder and filler parts in a liquid suspension form. The coating is typically applied electrostatically and is then cured under heat to allow it to flow and form a "skin". It is usually used to create a hard finish that is tougher than conventional paint.

304 STAINLESS STEEL

304 stainless steel has a high resistance to rust. It withstands corrosion from most oxidizing acids and is often used for kitchen and food applications. However, it is susceptible to corrosion from chloride solutions (notably saline environments with high amounts of sodium chloride). Chloride ions can create localized areas of corrosion, called "pitting," which can spread beneath protective chromium barriers to compromise internal structures. Solutions with as little as 25 ppm of sodium chloride can begin to have a corrosive effect. 304 grade is the most common form of stainless steel used around the world. It contains between 16 and 24 percent chromium and up to 35 percent nickel—as well as small amounts of carbon and manganese.

316 STAINLESS STEEL

316 grade is the second-most common form of stainless steel. It has almost the same physical and mechanical properties as 304 stainless steel and contains a similar material make-up. The difference is that 316 stainless steel incorporates about 2 to 3 percent molybdenum, which increases corrosion resistance—particularly against chlorides and other industrial solvents. Alternative 300-series grades can contain up to 7 percent molybdenum. 316 stainless steel is commonly used in many industrial applications involving processing chemicals, as well as high-saline environments such as coastal regions and outdoor areas where de-icing salts are common.

SUPERDYMA

SuperDyma is a new type of highly corrosion-resistant coated steel with a coating composition consisting of zinc as the main substrate in combination of aluminum (about 11%), magnesium (about 3%) and a trace amount of silicon. The corrosion resistance of SuperDyma is enhanced by the composite effect of adding aluminum, magnesium and silicon to the conventional zinc coating. Silicon, among other elements, is highly effective in inhibiting corrosion when combined with Mg. SuperDyma offers high coating adherence that can withstand severe fabricating processes. The coating has a high degree of hardness, thus offering excellent scratch resistance. In contrast to fabricated products using post-coated and post-painted steel sheets, the total cost and delivery time associated with fabricated products using SuperDyma can be greatly reduced. Furthermore, due to its resistance to red rust, SuperDyma can be used as a substitute material for stainless steel and aluminum products.

SuperDyma

CUT-END SURFACE PROTECTION MECHANISM

Aluminium & Magnesium ▶ regenerate protection film at the cut-end surface

Silicon ▶ accelerate the regeneration process (Catalyst)

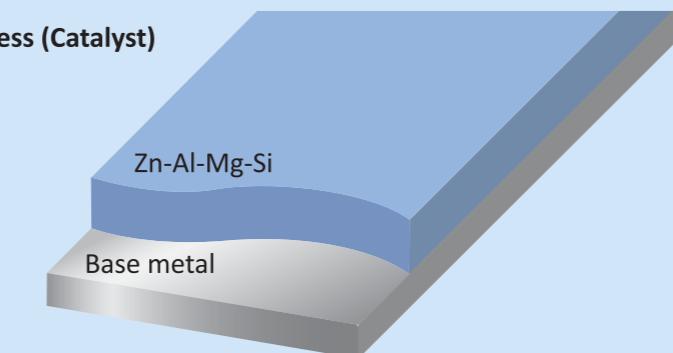
Electrochemical process:

Stage 1 - Red rust occurrence

Stage 2 - Regeneration process

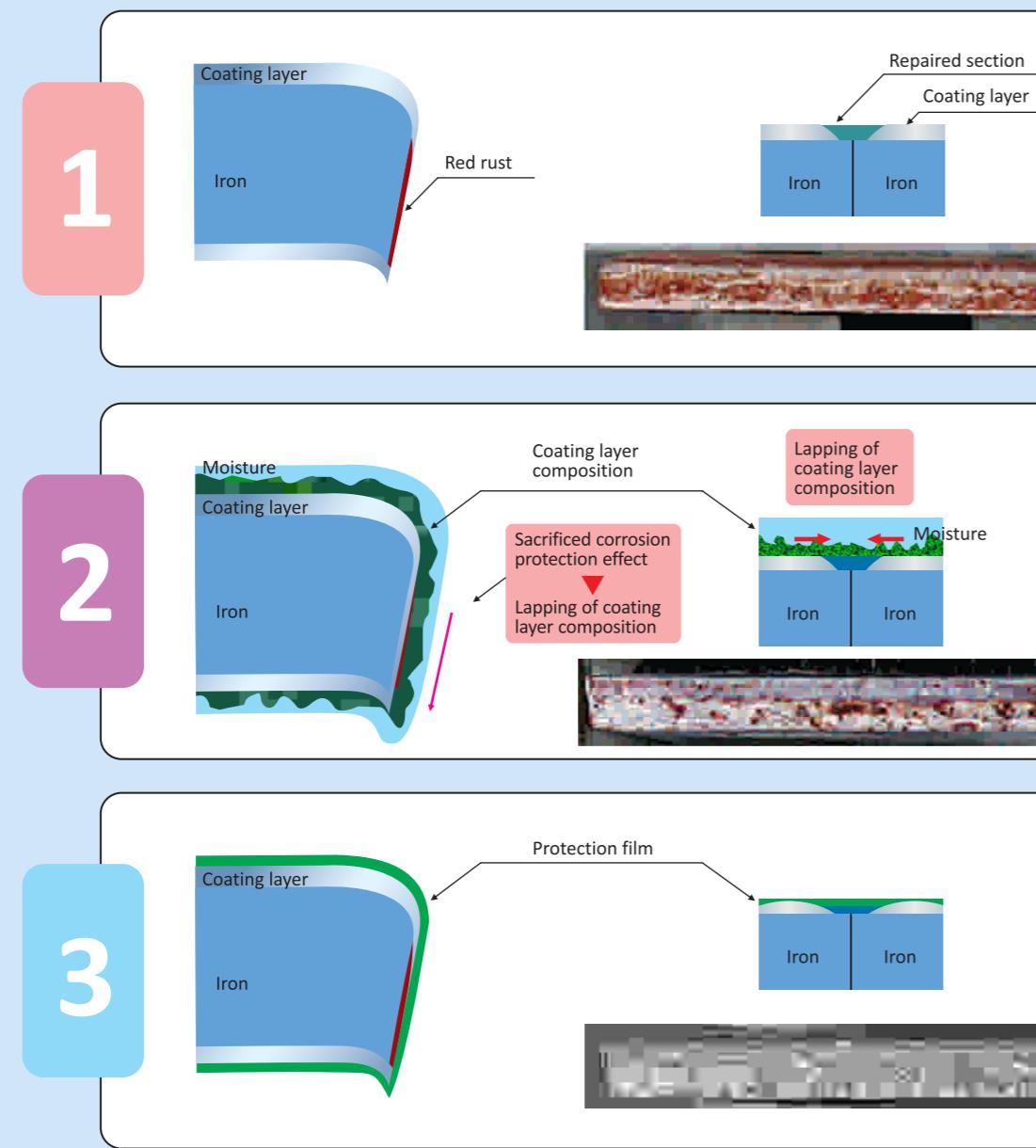
Stage 3 - Protection film generated

▶ Improve workability



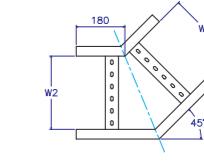
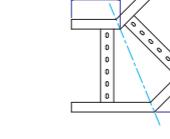
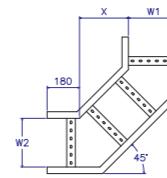
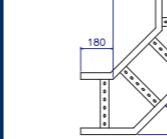
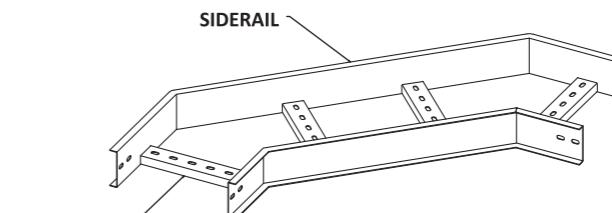
Corrosion Protection Mechanism on Cut-end Surfaces and at Welded Sections

Corrosion Protection Mechanism at Cut-end Surfaces

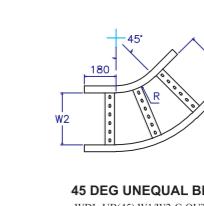
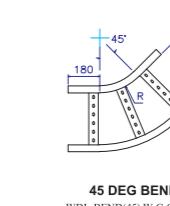
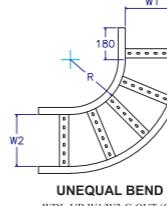
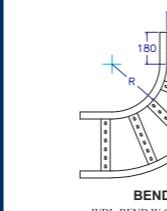
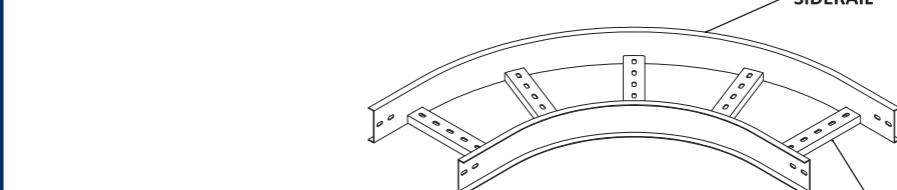


CABLE LADDER FITTINGS

FLATWISE ELBOW



BEND



PRODUCT CODE DESCRIPTION														
LADDER TYPE	CODE	ELBOW/BEND TYPE	CODE	ANGLE	CODE	SIZE	CODE (W)	X OR R	HEIGHT	CODE	SIDERAIL	CODE	COLOUR (C)	CODE
Knock Down	KDL	Elbow	EB	45	45	150	6	300	75	75H	C-In	C-In	Hot-Dip	HD
	WDL	Unequal Elbow	UE	90	—	300	12		100	100H	C-Out	C-Out	Superdyma	SD
		Bend	BEND			450	18		120	120H	Z	Z	White	W
		Unequal Bend	UB			600	24		150	150H			Orange	O
						750	30		200	200H			Grey	GR
						900	36						Beige	B
						1000	40							
						1200	48							

Note:

1) Fitting only shows for C-Out Type Ladder. Please indicate the type of siderail as required.

2) For Knock Down Type Ladder, siderail only available for C-In and Z-Type only

3) Example for Code

300mmX150H Knock Down Z Type Ladder

Flatwise Elbow White.

KDL-EB 12(150)-Z W

4) Other sizes, dimension, and colours are available upon request.

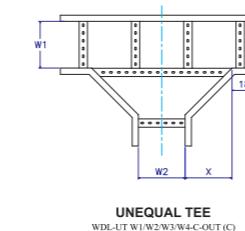
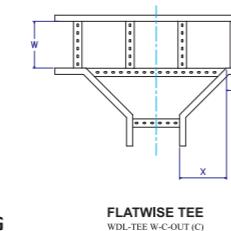
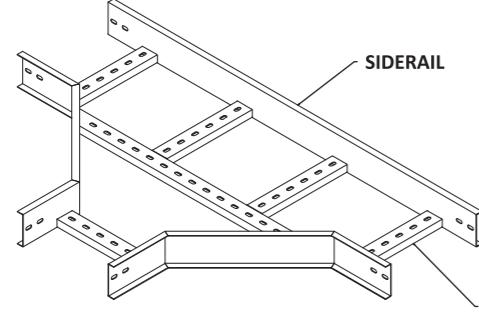
PRODUCT CODE DESCRIPTION												
LADDER TYPE	CODE	CROSS TYPE	CODE	SIZE	CODE (W)	X OR R	HEIGHT	CODE	SIDERAIL	CODE	COLOUR (C)	CODE
Knock Down	KDL	Flatwise	CRS	150	6		75	75H	C-In	C-In	Hot-Dip	HD
Welded	WDL	Unequal	UC	300	12		100	100H	C-Out	C-Out	Superdyma	SD
		Bend Cross	BUT	450	18		120	120H	Z	Z	White	W
		Bend Unequal	BCRS	600	24		150	150H			Orange	O
				750	30		200	200H			Grey	GR
				900	36						Beige	B
				1000	40							
				1200	48							

Note:

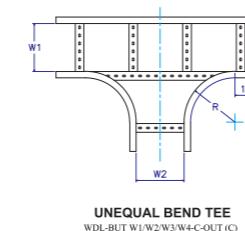
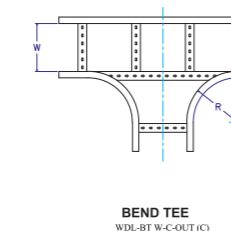
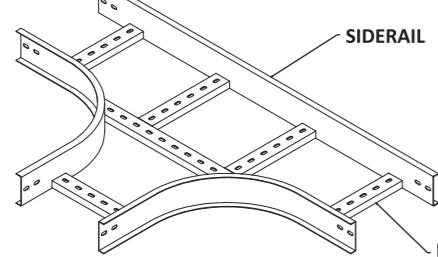
- 1) Fitting only shows for C-Out Type Ladder. Please indicates the type of siderail as required.
- 2) For Knock Down Type Ladder, siderail only available for C-In and Z-Type only
- 3) Example for Code
300mmX150H Knock Down Z Type Ladder
Flatwise Tee White.
KDL-TEE 12(150)-Z W
- 4) Other sizes, dimension, and colours are available upon request.

CABLE LADDER FITTINGS

FLATWISE TEE



BEND TEE



SuperDyma FOR EXTREME ENVIRONMENTS

Superdyma is a new innovation of high corrosion-resistant coated steel with a coating composition consisting of zinc as the main substrate in combination of aluminium, magnesium and silicon.



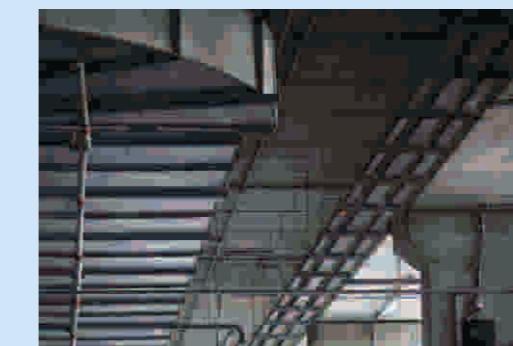
Product Range

- Cable Trunking
- Cable Tray
- Cable Ladder
- Fittings
- Other accessories

- ▶ **ASTM B117-07 SALT SPRAY TESTED UP TO 1000 HOURS**
(No sign of rust on tested units)
- ▶ **SMOOTH SURFACE**
(Original finish)
- ▶ **LOW COST AND FAST LEAD TIME**
(No extra finishing needed)

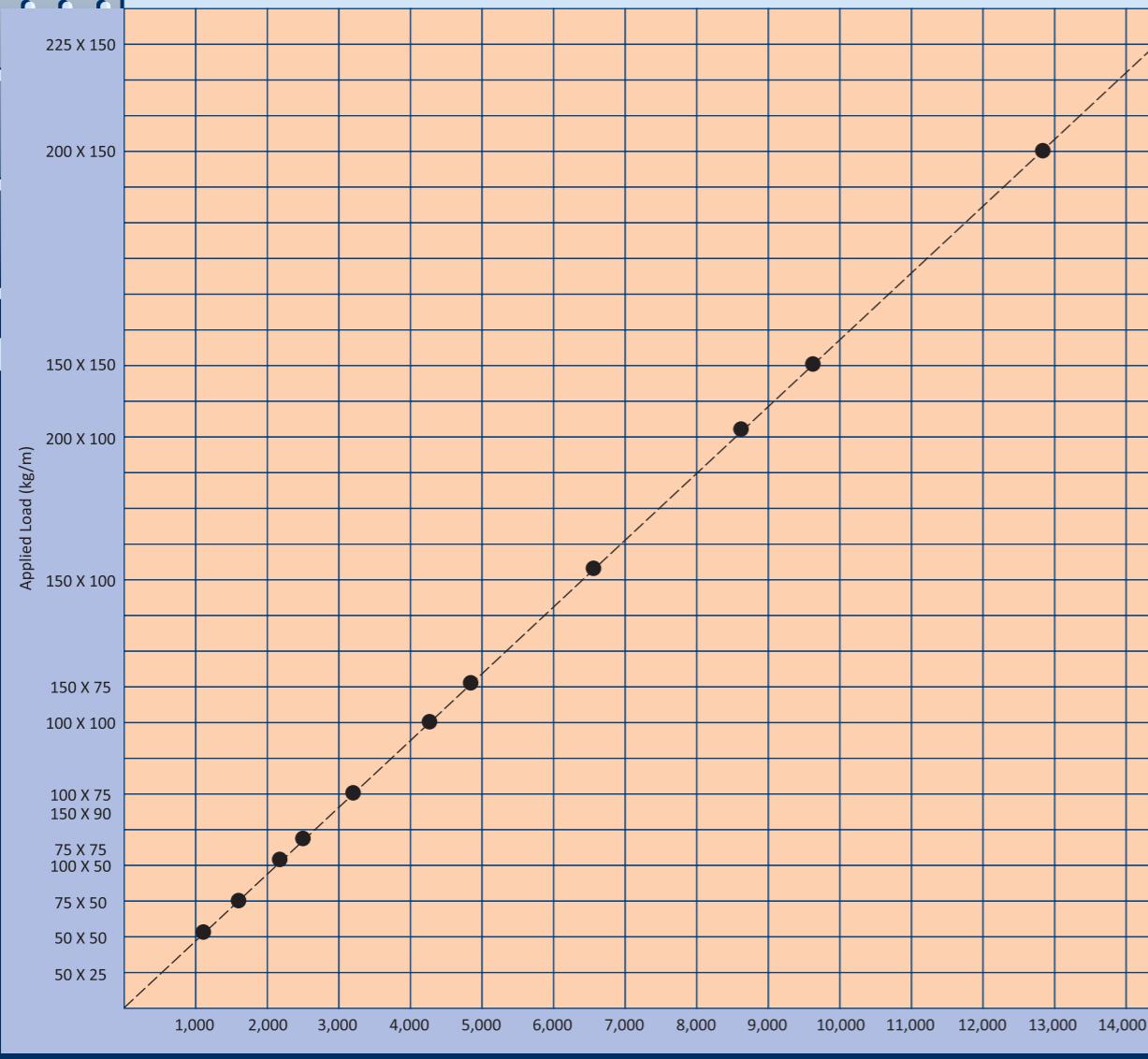
Features / Benefits:

- ▶ High corrosion resistance
- ▶ Scratch resistance
- ▶ High degree of tensile strength
- ▶ Original smooth finish
- ▶ Fast production lead time
- ▶ Low cost
- ▶ Easy to install
- ▶ Ideal for indoor and outdoor



CABLE CAPACITY GUIDE

Cable Trunking Capacity Guide



The above data is based on 15th edition of I.E.T. wiring regulations for electrical installations (1981) which allows for a space factor of 45%.

Trunking size is determined by multiplying the number of each single core p.v.c. insulated cable sizes by the appropriate factor shown in table 1 and in table 2. This factor should either equal or exceed the final factor used.

TABLE 1
CABLE FACTORS
(for trunking thermosetting insulation)

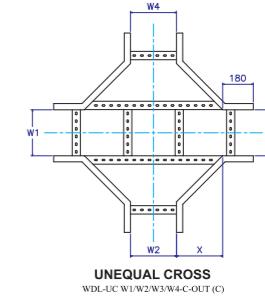
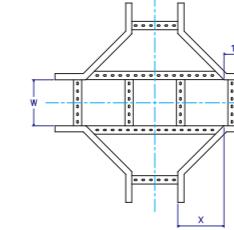
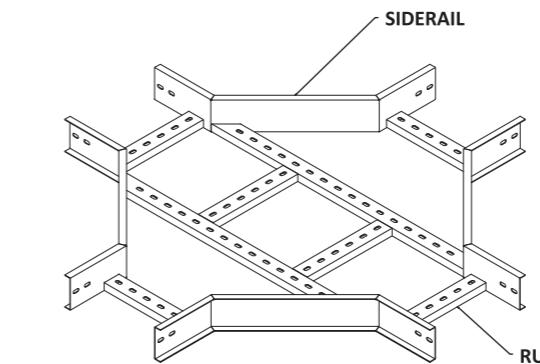
Type of Conductor	Conductor Cross-Sectional area mm ²	Factor
Solid	1.0	3.8
	1.5	8.6
	2.5	11.9
	1.5	9.4
	2.5	13.9
	4.0	18.1
Standard	6.0	22.9
	10.0	36.3
	16.0	50.3
	25.0	75.4

TABLE 2
FACTORS FOR TRUNKING

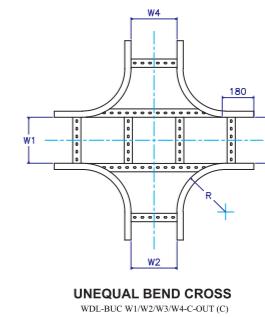
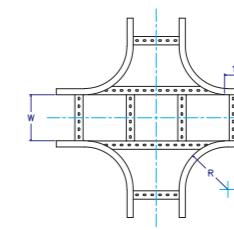
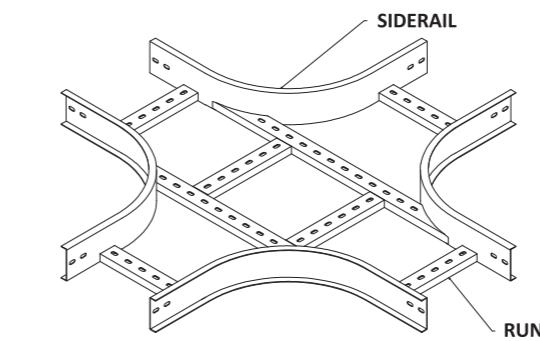
Trunking Dimensions mm x mm	Factor
50 x 25	518
50 x 50	1037
75 x 50	1555
75 x 75	2371
100 x 50	2091
100 x 75	3189
100 x 100	4252
100 x 125	3189
100 x 150	4780
100 x 175	6392
100 x 200	9585
125 x 75	4252
125 x 100	6392
125 x 125	8500
125 x 150	12770
125 x 175	7170
125 x 200	14350
150 x 100	10630
150 x 125	15945
150 x 150	12784
150 x 175	19170

CABLE LADDER FITTINGS

FLATWISE CROSS



BEND CROSS



PRODUCT CODE DESCRIPTION

LADDER TYPE	CODE	CROSS TYPE	CODE	SIZE	CODE (W)	X OR R	HEIGHT	CODE	SIDERAIL	CODE	COLOUR (C)	CODE
Knock Down	KDL	Flatwise	CRS	150	6	320	75	75H	C-In	C-In	Hot-Dip	HD
		Unequal	UC	300	12		100	100H	C-Out	C-Out	Superdyma	SD
		Bend Cross	BCRS	450	18		120	120H	Z	Z	White	W
				600	24		150	150H			Orange	O
				750	30		200	200H			Grey	GR
				900	36						Beige	B
				1000	40							
				1200	48							

Note:

1) Fitting only shows for C-Out Type Ladder. Please indicates the type of siderail as required.

2) For Knock Down Type Ladder, siderail only available for C-In and Z-Type only

3) Example for Code

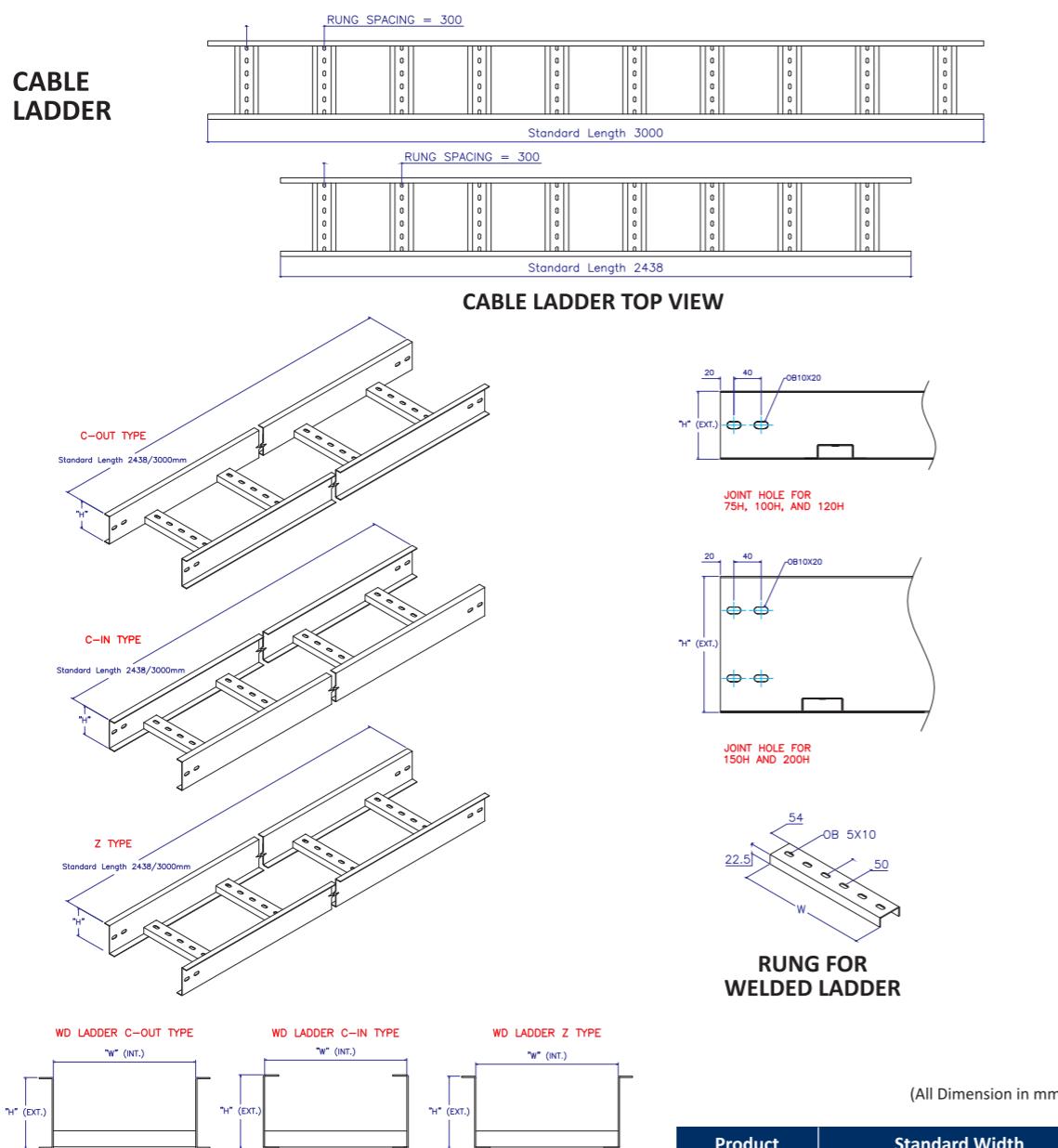
300mmX150H Knock Down Z Type Ladder

Flatwise Cross White.

KDL-CRS 12(150)-Z W

4) Other sizes, dimension, and colours are available upon request.

WELDED TYPE CABLE LADDER



Manufacture : MS IEC 61537, NEMA VE1
Standard Length : 2.438 or 3.0 meter
Complete With : Joint, Bolt & Nut, Copper Link (Optional)
Standard Thickness : 2.0mm (Side Rail) & (Rung)

Product Code	Standard Width (mm)	inch
WDL-06	150	6
WDL-12	300	12
WDL-18	450	18
WDL-24	600	24
WDL-30	750	30
WDL-36	900	36
WDL-40	1000	40
WDL-48	1200	48

(All Dimension in mm)

Other requirements available upon request.

RECOMMENDED MATERIALS AND TYPE OF FINISHING

Materials	Type of Finishing	Recommendation Use
Cold Rolled Steel JIS G3141 SPCC	Epoxy Power Coated to ASTM B-117	Indoor
Hot Rolled Steel JIS G3131 SPHC	Hot Dip Galvanized to BS EN ISO1461:1999 (HDG)	Outdoor
Stainless Steel Grade AISI 304, 316	Original Finish	Outdoor

OUR PROJECTS

- Ikea Tebrau, Malaysia
- UMCity Medini Lakeside, Nusajaya Malaysia
- Puteri Cove Residence, Nusajaya Malaysia
- Summit USJ, Malaysia
- Melaka Hospital, Malaysia
- Marlborough College, Malaysia
- UOA Bangsar South, Malaysia
- Scott Villa, Malaysia
- HDB Housing, Singapore
- NTUC, Singapore
- Starhub, Singapore
- Republic Polytechnic, Singapore
- Singapore Management University
- National University Of Singapore
- Fusion Polis, Singapore
- Marina Bay Financial Centre, Singapore
- Ngee Ann Polytechnic, Singapore
- Global Switch Data Centre, Singapore
- The Singapore Sail



Ikea, Johor



Fusion Polis



Marina Bay Financial Centre



National University Of Singapore



Republic Polytechnic



UOA Bangsar South



Scott Villa



The Sail

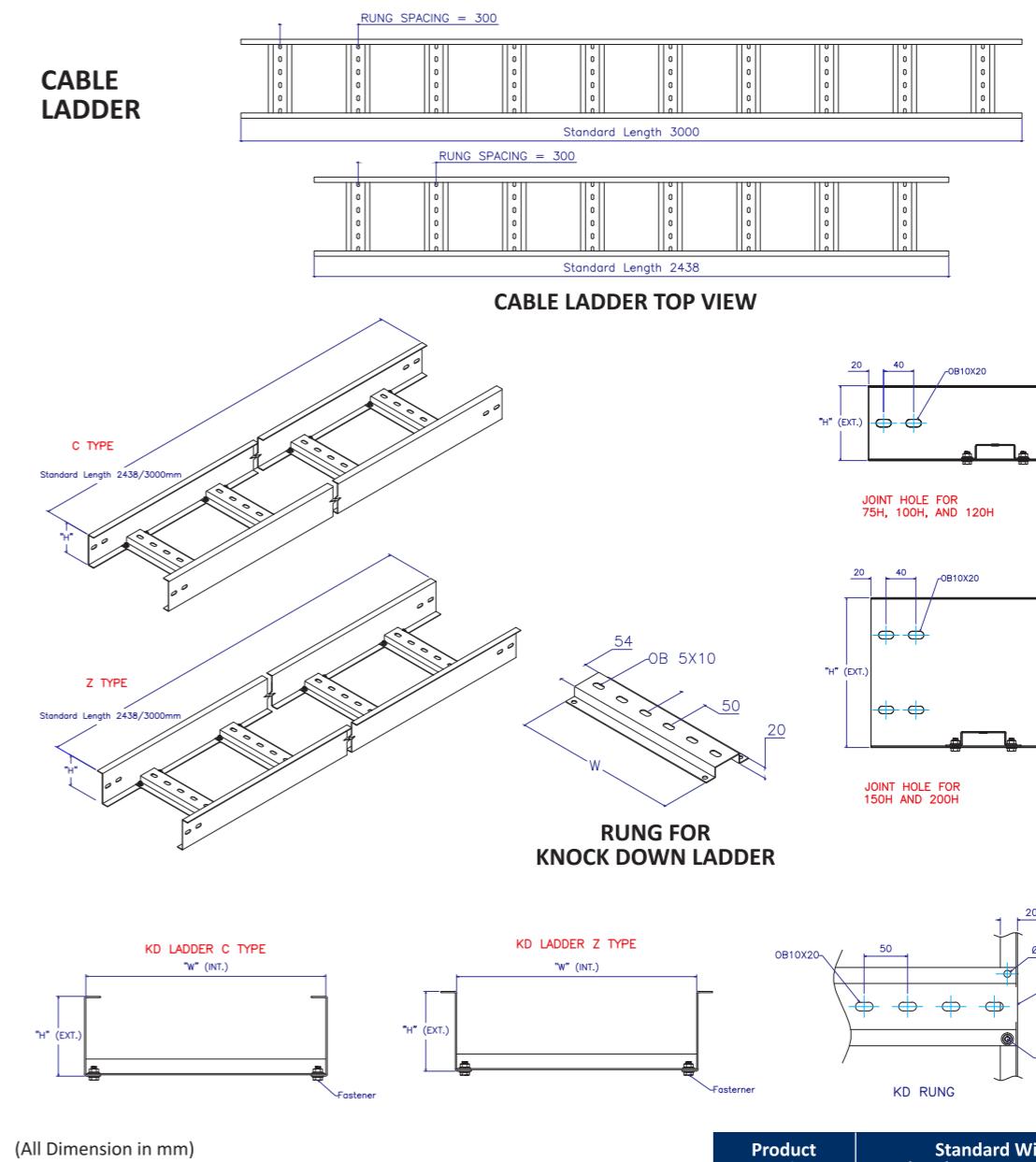
PRODUCT & QUALITY CERTIFICATION

As a leading provider of industrial material, CEE has implemented a Quality Management System that meets the ISO9001:2015 requirements. It has been an ultimate goal of CEE to provide products and services that meet the progressive needs and expectations of customer while ensuring the profitability of our operations.

We are committed to comply with the established Quality Management System in accordance with the requirements of ISO9001:2015 through periodic review and continual improvements with foremost aim to achieve excellent customer satisfaction.



KNOCK DOWN TYPE CABLE LADDER



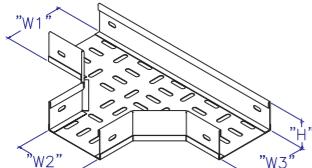
Product Code	Standard Width (mm)	Standard Width inch
KDL-06	150	6
KDL-12	300	12
KDL-18	450	18
KDL-24	600	24
KDL-30	750	30
KDL-36	900	36
KDL-40	1000	40
KDL-48	1200	48

Other requirements available upon request.

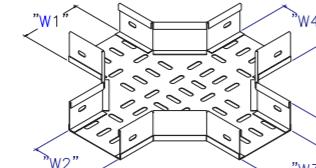
RECOMMENDED MATERIALS AND TYPE OF FINISHING

Materials	Type of Finishing	Recommendation Use
Cold Rolled Steel JIS G3141 SPCC	Epoxy Power Coated to ASTM B-117	Indoor
Electroplated Zinc Coated JIS G3313 SECC	Epoxy Power Coated to ASTM B-117	Indoor
Superdyma, Nippon Steel STD (SD)	Original Finish	Outdoor
Cold Rolled Steel JIS G3141 SPCC	Hot-Dip Galvanized to BS EN ISO1461:1999 (HDG)	Outdoor
Stainless Steel AISI 304, 316 or 316L (SS)	Original Finish	Outdoor
Aluminium A1100 (AL)	Original Finish	Outdoor

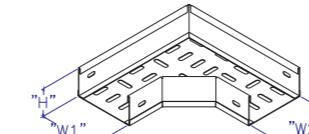
RETURN FLANGE TYPE PERFORATED CABLE TRAY FITTING



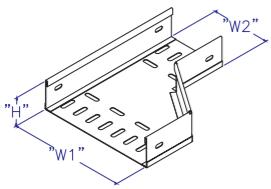
FLATWISE TEE



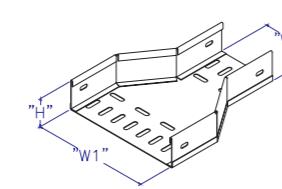
FLATWISE CROSS



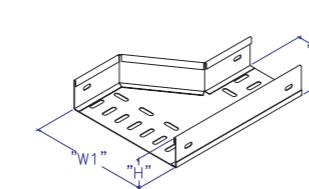
90 DEG
FLATWISE ELBOW



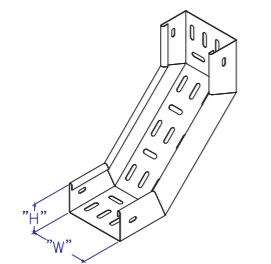
LEFT SIDE REDUCER



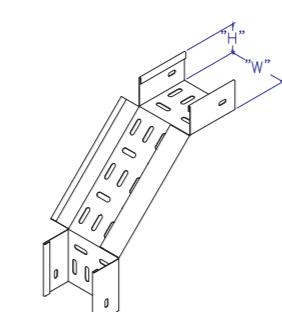
REDUCER



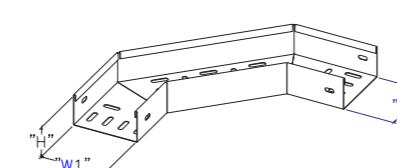
RIGHT SIDE REDUCER



INTERNAL RISER



EXTERNAL RISER



90 DEG
PARALLEL ELBOW

NOTE: COVER WITH CLIP ARE OPTIONAL

PRODUCT & QUALITY CERTIFICATION

ZERTIFIKAT • CERTIFICATE • CEPTI • CEFTI • CERTIFICADO • CERTIFICAT



CERTIFICATE OF CONFORMITY

No. CLS1A 16 02 80660 003

Certificate Holder: CEE Industries Sdn Bhd
Jalan Berjaya 7
Taman Perindustrian Berjaya
PTD 149226
Kempas Lama
81300 Johor Bahru
MALAYSIA

Certification Mark:



Product: Steel surface cable trunkings and accessories

Brand Name:

Model(s):

SS-CEE 021, SS-CEE 022, SS-CEE 032, SS-CEE 042,
SS-CEE 043, SS-CEE 044, SS-CEE 062, SS-CEE 063,
SS-CEE 064, SS-CEE 065, SS-CEE 066, SS-CEE 067,
SS-CEE 084, SS-CEE 086, SS-CEE 102, SS-CEE 122,
SS-CEE 123, SS-CEE 124, SS-CEE 126, SS-CEE 163,
SS-CEE 203, SS-CEE 243

Type: Electro-galvanized steel and epoxy powder coated
Colour: White, Orange, Grey, Red, Beige, Moss Green,
Ocean Blue, Maroon and Yellow
Classification: Class 1
Length: 2400mm
See CoC Appendix (1 pg)

Standard(s): SS 249:1981/A1:1997

Country of Origin:

Test Report(s):

See CoC Appendix (1 pg)

Issued on: 2016-02-17

Valid until: 2019-02-16

Products listed under Class 1B must have TÜV SÜD PSB PLS mark
as shown above affixed/print on them. Failure to comply with this
requirement may result in revocation of this certificate.

Vice-President (Certification Department)
TÜV SÜD PSB

This Certificate is part of a full report and should be read in conjunction with it. This Certificate remains the property of TÜV SÜD PSB Pte Ltd and shall be returned upon request. The use of this Certificate is subject to TÜV SÜD Group Testing and Certification Regulations TÜV SÜD PSB Pte Ltd (PSB) General Terms and Conditions of Business and PSB Product Listing Scheme (PLS) Application Fact Sheet. The manufacturer is solely responsible for any product that has the same designation as the product type-tested. Person relying on this Certificate should verify its validity by checking TÜV SÜD PSB's website at www.tuv-sud-psb.sg.

TÜV SÜD PSB Pte Ltd • 1 Science Park Drive • Singapore 118221



TEST REPORT: S08CHM01876-PGK-M10

Date: 10 APR 2008 Tel: +65 68851321 Fax: +65 67784301
Client's Ref: Email: tch-hoelin@tuv-sud-psb.sg
Note: This report is issued subject to TÜV SÜD PSB's "Terms and Conditions Governing Technical Services". The terms and conditions governing the issue of this report are set out as attached within this report.



Choose certainty.
Add value.

SUBJECT
Salt Spray (Fog) Test on types of plated panels

CLIENT
CEE Industries Sdn Bhd
PTD 149226 Mukim Tebrau
Jalan Berjaya
Taman Perindustrian Berjaya
81300 Johor Bahru, Johor
Malaysia

Attn: Mr Chong W T

SAMPLE SUBMISSION DATE
21 Feb 2008

DATE TEST CONDUCTED
26 Feb to 08 Apr 2008

DESCRIPTION OF SAMPLE
Two samples of plated panels described as follows, were submitted by CEE Industries Sdn, Bhd,

Sample Description	Hot-dipped galvanized	Superdyma
Quantity	3 units	3 units
Dimension	150 x 200 x 1.1 mm	150 x 200 x 1.1 mm



Laboratory:
TÜV SÜD PSB Pte. Ltd.
Test Services
No 1 Science Park Drive
Singapore 118221

Phone: +65-58811333
Fax: +65-54778870
E-mail: tch-hoelin@tuv-sud-psb.sg
www.tuv-sud-psb.sg
Co. Reg: 19900267R

Regional Head Office:
TÜV SÜD Asia Pacific Pte. Ltd.
3 Science Park Drive, #04-1103
The Science Park, Singapore 118223

No. Lesen : PC004005
Licence No. :



LESEN PENSIJILAN BARANGAN
Product Certification Licence

SIRIM QAS International Sdn, Bhd, dengan ini menganugerahkan kepada
SIRIM QAS International Sdn, Bhd, hereby grants to

CEE INDUSTRIES SDN. BHD.,
PTD 149226, JALAN BERJAYA 7
TAMAN PERINDUSTRIAN BERJAYA
KEMPAS LAMA
81300 JOHOR BAHRU
JOHOR, MALAYSIA

lesen untuk menggunakan Tanda Pensijilan di atas barangan
a licence to use the Certification Mark on

CABLE TRUNKING AND DUCTINGS SYSTEMS FOR ELECTRICAL
INSTALLATIONS

Please refer to detail in the SCHEDULE

Sebagai mematuhi keperluan
as complying with
MS IEC 61084-1 : 2006

Mohd Azanuddin bin Salleh
Pengarah Urusan
Managing Director
SIRIM QAS International Sdn, Bhd.

SIRIM QAS International Sdn, Bhd.
1 Persiaran Data Merdeka
Section 17/1A, 40150 Shah Alam
Selangor Darul Ehsan
Malaysia
Tel: +603-90546600
Fax: +603-90546601
This Licence is granted subject to the provisions of the Product Certification Agreement of SIRIM QAS International Sdn, Bhd.
<http://www.sirim.my>

Tarikh Muat Pensijilan : 16 November 2018
Certified Since : 16 November 2018
Sah Selingga : 16 November 2019
Issue Date : No Siri : 042585
Serial No. :
Valid Until :
Tarikh Dikeluaran : 29 November 2018

SIRIM QAS International Sdn, Bhd.
1 Persiaran Data Merdeka
Section 17/1A, 40150 Shah Alam
Selangor Darul Ehsan
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Certified Since : 16 November 2018
Sah Selingga : 16 November 2019
Issue Date : No Siri : 042585
Serial No. :
Valid Until :
Tarikh Dikeluaran : 29 November 2018



SCHEDULE



Trade Mark : CEE
Model : Hot-Dip Galvanizing (HDG)
Rating : Classification Metal trunking, Heavy mechanical stresses, Non-flame propagating,
Type : Cable trunking with cover
Size : 75 x 50 x 1.2, 100 x 100 x 1.2, 150 x 50 x 1.6, 200 x 100 x 1.6

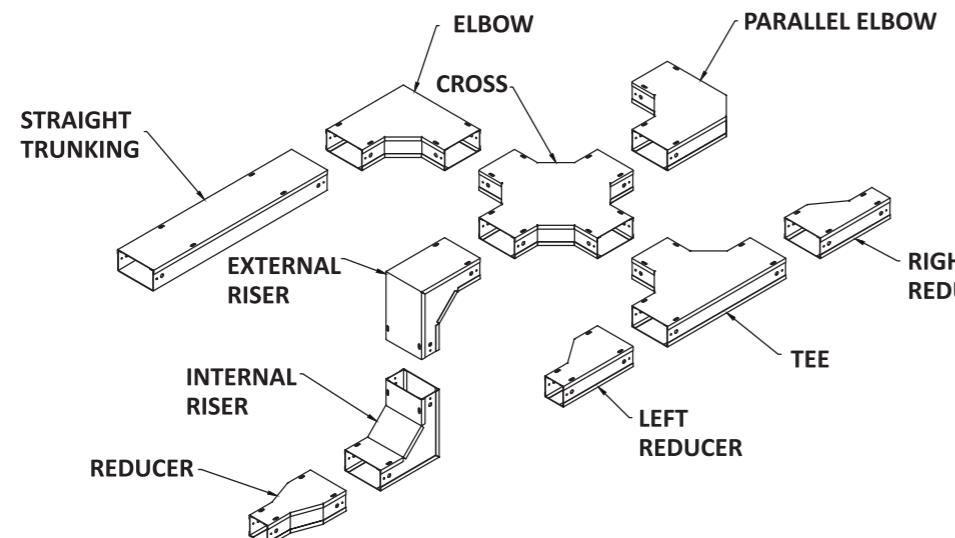
Trade Mark : CEE
Model : Epoxy Powder-Coated,
Rating : Classification Metal trunking, Heavy mechanical stresses, Non-flame propagating,
Type : Cable trunking with cover
Size : 75 x 50 x 1.2, 100 x 100 x 1.2, 150 x 50 x 1.6, 200 x 100 x 1.6

Trade Mark : CEE
Model : Superdyma+ (Zn Al Alloy-Coated)
Rating : Classification Metal trunking, Heavy mechanical stresses, Non-flame propagating,
Type : Cable trunking with cover
Size : Length (mm) : 2438, Width x Height x Thickness (mm) : 50 x 25 x 1.0, 50 x 50 x 1.0,
: 75 x 50 x 1.2, 100 x 100 x 1.2, 150 x 50 x 1.6, 200 x 100 x 1.6

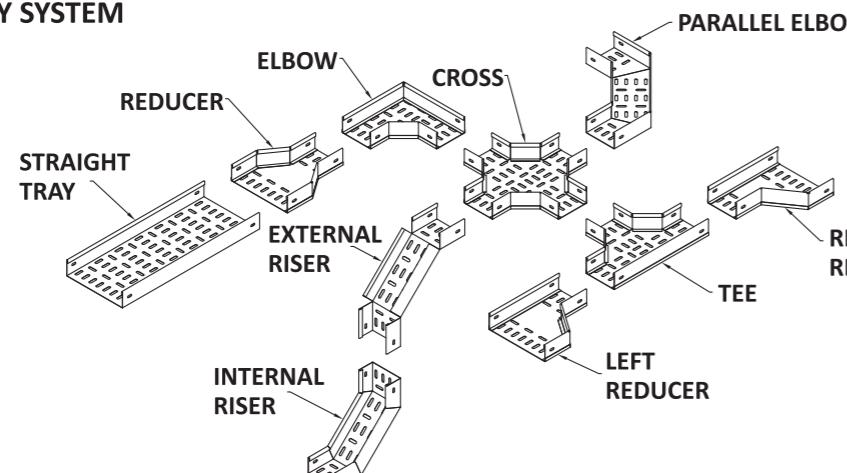
TEST REPORT NO.: 2018EA1232, 2018EA1231, 2018EA1233

CONFIGURATION OF CABLE SUPPORT SYSTEMS

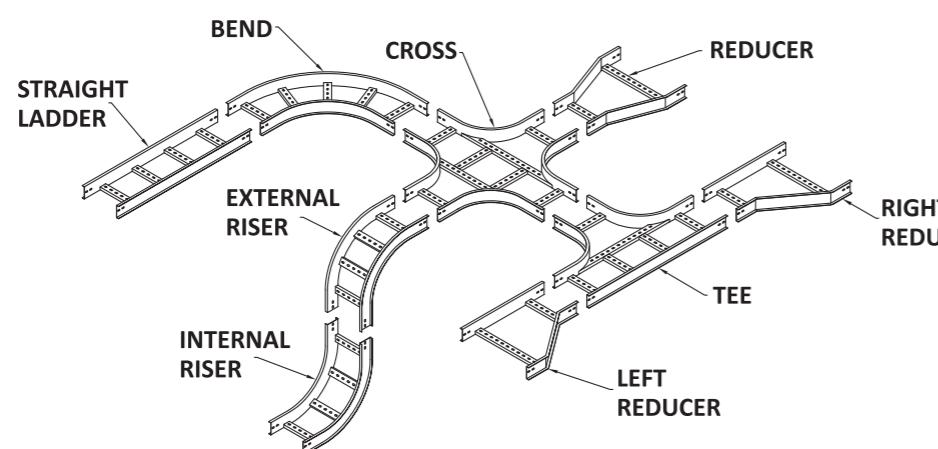
CABLE TRUNKING SYSTEM



CABLE TRAY SYSTEM

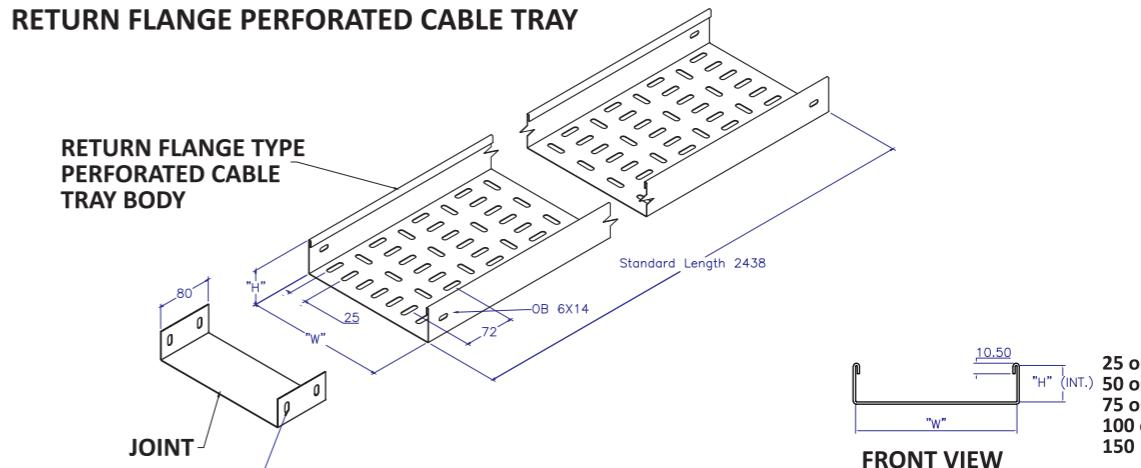


CABLE LADDER SYSTEM



RETURN FLANGE PERFORATED CABLE TRAY

RETURN FLANGE PERFORATED CABLE TRAY

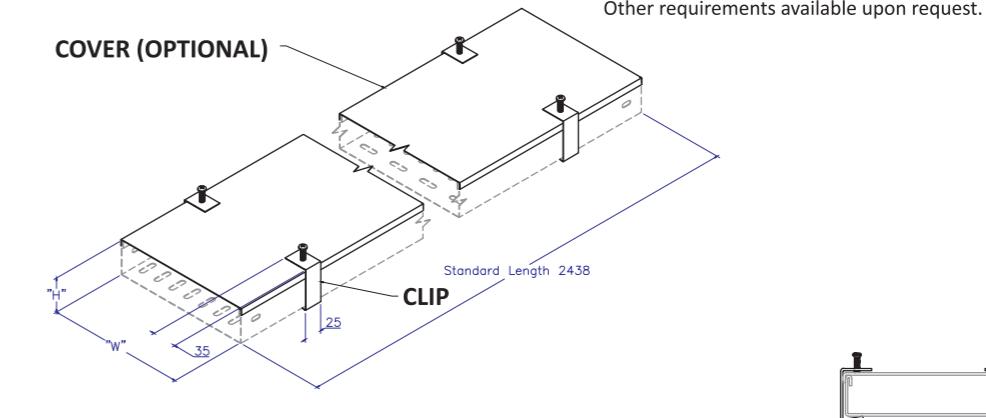


(All Dimension in mm)

Product Code	Standard Sizes Width (mm)	Gauge/ Thickness (mm)
RFT-06**-##	150	1.0 - 2.0
RFT-08**-##	200	1.0 - 2.0
RFT-12**-##	300	1.2 - 2.0
RFT-16**-##	400	1.5 - 2.0
RFT-24**-##	600	1.5 - 2.0
RFT-32**-##	800	2.0
RFT-40**-##	1000	2.0

Other requirements available upon request.

RETURN FLANGE PERFORATED CABLE TRAY WITH COVER



(All Dimension in mm)

Manufacture : MS IEC 61537, NEMA VE1

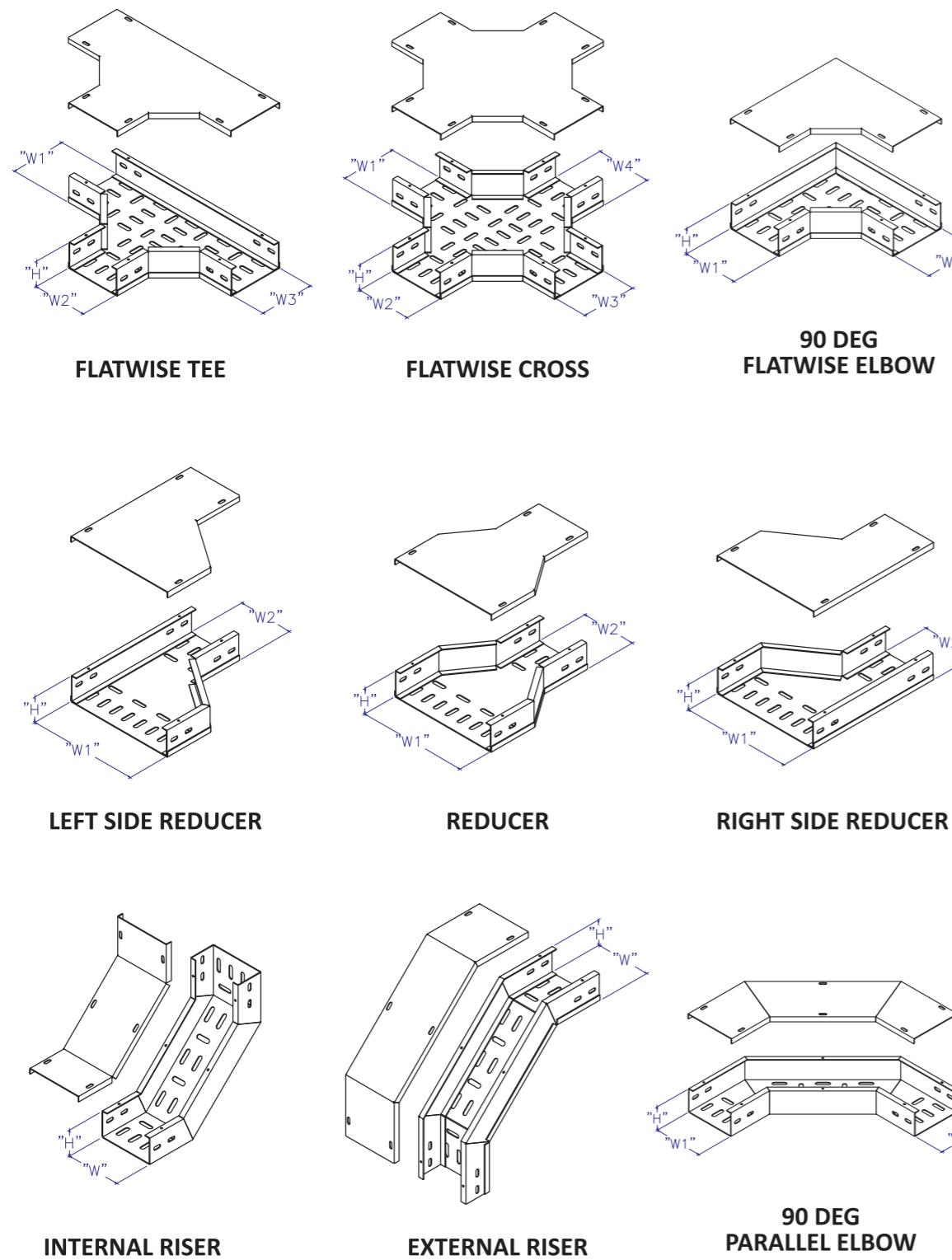
Standard Length : 2.438 meter (Please specify if others)

Complete With : Joint, Bolt & Nut, Copper Link (Optional)

RECOMMENDED MATERIALS AND TYPE OF FINISHING

Materials	Type of Finishing	Recommendation Use
Cold Rolled Steel JIS G3141 SPCC	Epoxy Power Coated to ASTM B-117	Indoor
Galvanized Iron JIS G3302 SGCC	Original Finish	Indoor
Superdyma, Nippon Steel STD (SD)	Original Finish	Outdoor
Cold Rolled Steel JIS G3141 SPCC	Hot-Dip Galvanized to BS EN ISO1461:1999 (HDG)	Outdoor
Stainless Steel AISI 304, 316 or 316L (SS)	Original Finish	Outdoor
Aluminium A1100 (AL)	Original Finish	Outdoor

TROUGH TYPE PERFORATED CABLE TRAY FITTING

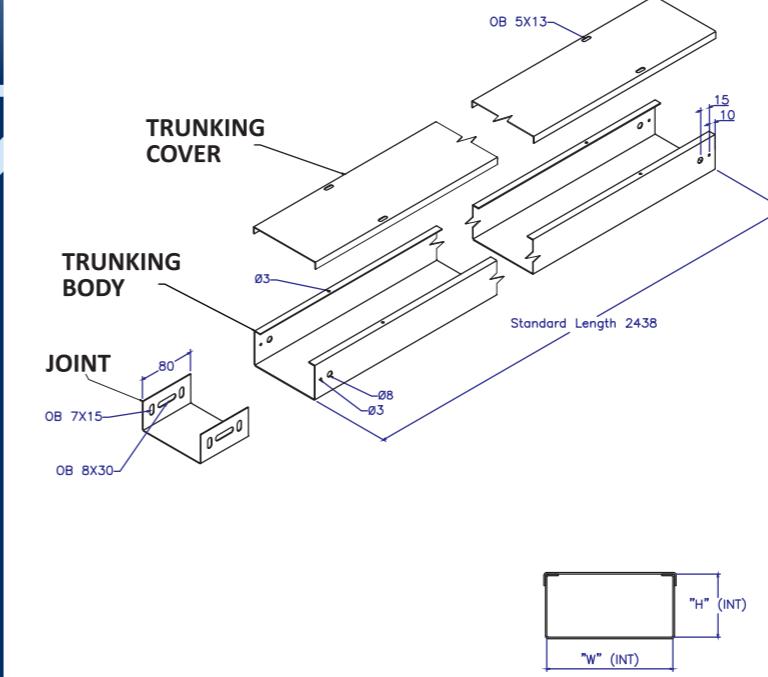


NOTE: COVER OPTIONAL

SINGAPORE STANDARD CABLE TRUNKING



TÜV SÜD PSB



(All Dimension in mm)

SINGAPORE STANDARD SIZES, BODY AND COVER THICKNESS

Product Code	Normal Size W x H (mm)	Steel Thickness (mm)		Approx. Weight Kgs Per Length
		Body	Cover	
SS-CEE 021	50 x25	1.0	1.0	3.7
SS-CEE 022	50 x 50	1.0	1.0	4.9
SS-CEE 032	75 x 50	1.2	1.2	7.0
SS-CEE 042	100 x 50	1.2	1.2	8.3
SS-CEE 043	100 x 75	1.2	1.2	9.4
SS-CEE 044	100 x 100	1.4	1.2	11.3
SS-CEE 052	125 x 50	1.4	1.2	9.9
SS-CEE 062	150 x 50	1.4	1.2	11.1
SS-CEE 063	150 x 75	1.4	1.2	12.5
SS-CEE 064	150 x 100	1.4	1.2	13.8
SS-CEE 066	150 x 150	1.4	1.2	16.5
SS-CEE 072	175 x 50	1.4	1.2	12.4
SS-CEE 082	200 x 50	1.6	1.4	15.7
SS-CEE 083	200 x 75	1.6	1.4	17.2
SS-CEE 084	200 x 100	1.6	1.4	18.8
SS-CEE 086	200 x 150	1.6	1.4	21.8
SS-CEE 092	225 x 50	1.6	1.4	17.1
SS-CEE 102	250 x 50	1.6	1.4	18.6
SS-CEE 112	275 x 50	1.6	1.4	20.0
SS-CEE 122	300 x 50	1.6	1.6	22.8
SS-CEE 123	300 x 75	1.6	1.6	24.3
SS-CEE 124	300 x 100	1.6	1.6	26.2
SS-CEE 126	300 x 150	1.6	1.6	29.1
SS-CEE 142	350 x 50	1.6	1.6	25.9
SS-CEE 153	375 x 75	1.6	1.6	28.9

Standard length of 2.438m

12

CEE PRODUCT CODE SYSTEM

SS-CEE 6 3 (#)
 Singapore Standard Width in inch Height in inch
 Colour(#): Orange (O), Red(R), Grey (GR), White (W), Beige (B)

Manufacture : SS249 Class 1A to TÜV SÜD PSB Singapore

Material : Electroplated zinc/zinc phosphate or equivalent

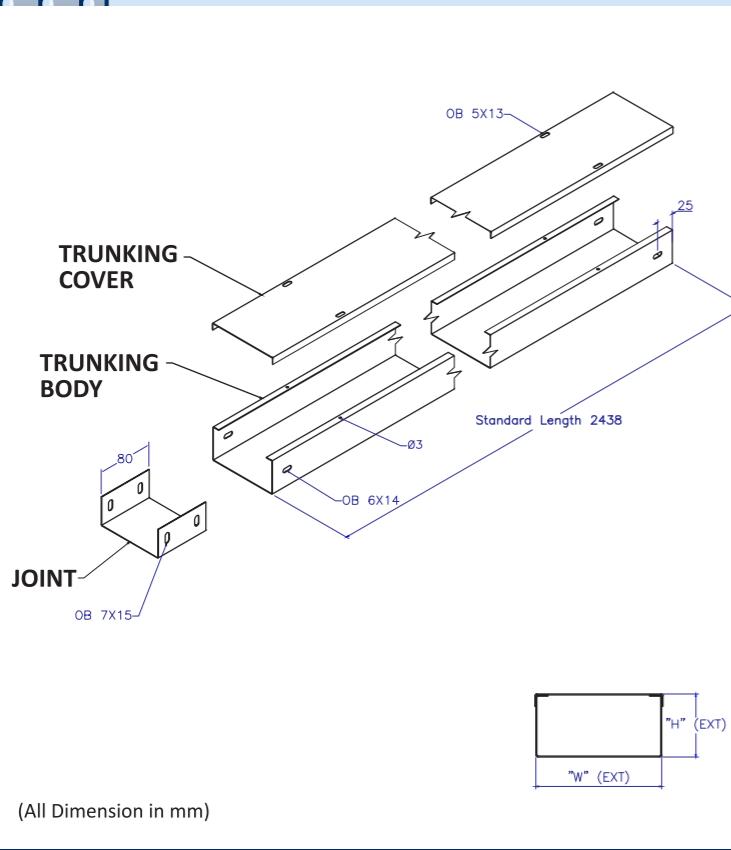
Finish : Epoxy powder coated to a minimum of 50 micron (ASTM B-117)

Standard Color : White(W), Orange(O), Grey(GR), Beige(B), Red(R), Dark Green(G)

Standard Length : 2.438 meter (Please specify if others)

Complete With : Joint, Tapping Screw, Bolt & Nuts, Copper Link

CABLE TRUNKING (Indoor Application)



Manufacture : MS IEC 61084, BS EN 50085

Standard Length : 2.438 meter
(Please specify if others)

Complete With : Joint, Tapping Screw, Bolt & Nuts, Copper Links (Optional)

**Code to be replaced with desired thickness
(0.6, 0.8, 1.0, 1.2, 1.4, 1.5, 1.6 or 2.0)
Note: Other requirements available upon request

RECOMMENDED MATERIALS AND TYPE OF FINISHING

Materials	Type of Finishing
Cold Rolled Steel JIS G3141 SPCC	Epoxy Powder Coated to ASTM B-117
Galvanized Iron JIS G3302 SGCC	Original Finish

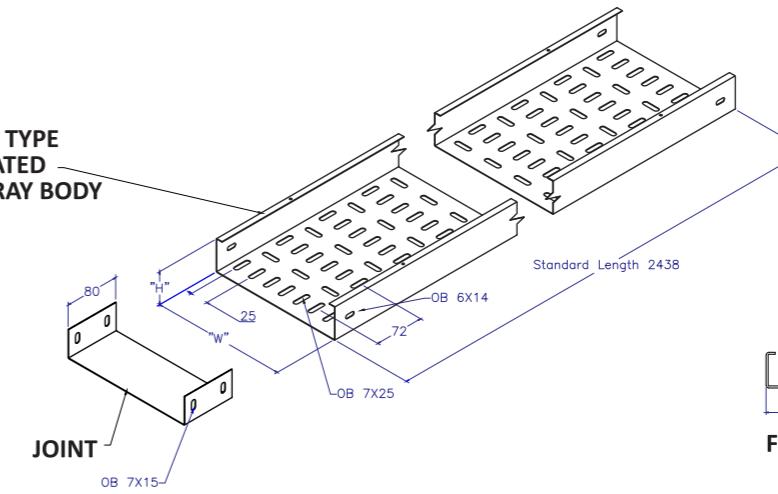
Product Code	W x H		Thickness (mm)
	(mm)	(mm)	
MT-021-**	50 x 25	2 x 1	0.6, 0.8, 1.0, 1.2, 1.4, 1.5, 1.6
MT-022-**	50 x 50	2 x 2	0.6, 0.8, 1.0, 1.2, 1.4, 1.5, 1.6, 2.0
MT-032-**	75 x 50	3 x 2	0.6, 0.8, 1.0, 1.2, 1.4, 1.5, 1.6, 2.0
MT-033-**	75 x 75	3 x 3	0.6, 0.8, 1.0, 1.2, 1.4, 1.5, 1.6, 2.0
MT-042-**	100 x 50	4 x 2	0.6, 0.8, 1.0, 1.2, 1.4, 1.5, 1.6, 2.0
MT-043-**	100 x 75	4 x 3	0.6, 0.8, 1.0, 1.2, 1.4, 1.5, 1.6, 2.0
MT-044-**	100 x 100	4 x 4	0.6, 0.8, 1.0, 1.2, 1.4, 1.5, 1.6, 2.0
MT-062-**	150 x 50	6 x 2	0.8, 1.0, 1.2, 1.4, 1.5, 1.6, 2.0
MT-063-**	150 x 75	6 x 3	0.8, 1.0, 1.2, 1.4, 1.5, 1.6, 2.0
MT-064-**	150 x 100	6 x 4	0.8, 1.0, 1.2, 1.4, 1.5, 1.6, 2.0
MT-082-**	200 x 50	8 x 2	0.8, 1.0, 1.2, 1.4, 1.5, 1.6, 2.0
MT-083-**	200 x 75	8 x 3	0.8, 1.0, 1.2, 1.4, 1.5, 1.6, 2.0
MT-084-**	200 x 100	8 x 4	0.8, 1.0, 1.2, 1.4, 1.5, 1.6, 2.0
MT-086-**	200 x 150	8 x 6	0.8, 1.0, 1.2, 1.4, 1.5, 1.6, 2.0
MT-102-**	250 x 50	10 x 2	1.0, 1.2, 1.4, 1.5, 1.6, 2.0
MT-104-**	250 x 100	10 x 4	1.0, 1.2, 1.4, 1.5, 1.6, 2.0
MT-106-**	250 x 150	10 x 6	1.0, 1.2, 1.4, 1.5, 1.6, 2.0
MT-122-**	300 x 50	12 x 2	1.0, 1.2, 1.4, 1.5, 1.6, 2.0
MT-124-**	300 x 100	12 x 4	1.0, 1.2, 1.4, 1.5, 1.6, 2.0
MT-126-**	300 x 150	12 x 6	1.0, 1.2, 1.4, 1.5, 1.6, 2.0
or Bigger Size			

Standard length of 2.438m

TRough Type Perforated Cable Tray

TRough Type Perforated Cable Tray

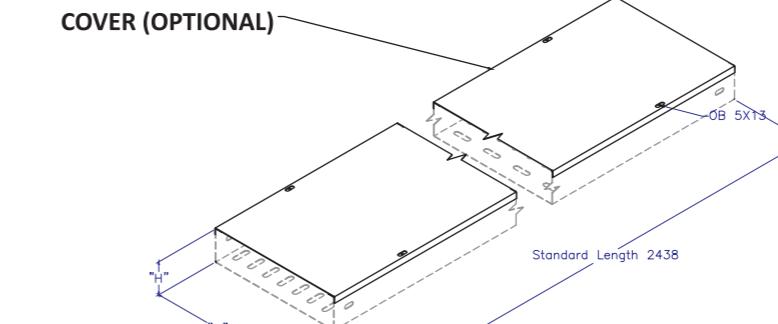
TRough Type Perforated Cable Tray Body



25 or
50 or
75 or
100 or
150

FRONT VIEW

TRough Type Perforated Cable Tray with Cover



25 or
50 or
75 or
100 or
150

(All Dimension in mm)

Manufacture : MS IEC 61537, NEMA VE1

Standard Length : 2.438 meter (Please specify if others)

Complete With : Joint, Tapping Screw, Bolt & Nut, Copper Link (Optional)

Product Code	Standard Sizes Width (mm)	Gauge/Thickness (mm)
MTCT-06**-##	150	1.0 - 2.0
MTCT-08**-##	200	1.0 - 2.0
MTCT-12**-##	300	1.2 - 2.0
MTCT-16**-##	400	1.5 - 2.0
MTCT-24**-##	600	1.5 - 2.0
MTCT-32**-##	800	2.0
MTCT-40**-##	1000	2.0

Other requirements available upon request.

RECOMMENDED MATERIALS AND TYPE OF FINISHING

Materials	Type of Finishing	Recommendation Use
Cold Rolled Steel JIS G3141 SPCC	Epoxy Power Coated to ASTM B-117	Indoor
Galvanized Iron JIS G3302 SGCC	Original Finish	Indoor
Superdyma, Nippon Steel STD (SD)	Original Finish	Outdoor
Cold Rolled Steel JIS G3141 SPCC	Hot-Dip Galvanized to BS EN ISO1461:1999 (HDG)	Outdoor
Stainless Steel AISI 304, 316 or 316L (SS)	Original Finish	Outdoor
Aluminium A1100 (AL)	Original Finish	Outdoor

STANDARD PERFORATED CABLE TRAY SIZES & FITTING

STANDARD SIZES OF CABLE TRAY FOR EPOXY POWDER COATED/GALVANIZED IRON/SUPERDYMA/STAINLESS STEEL/ALUMINIUM

Width (mm) (W)	Product Code	Thickness						Flange Height (mm)
		0.8mm	1.0mm	1.2mm	1.4mm *	1.5mm	1.6mm *	
50	CT-02**	*	*	*	*	*	*	12
75	CT-03**	*	*	*	*	*	*	12
100	CT-04**	*	*	*	*	*	*	15
150	CT-06**	*	*	*	*	*	*	15
200	CT-08**	*	*	*	*	*	*	20
250	CT-10**	*	*	*	*	*	*	20
300	CT-12**	*	*	*	*	*	*	25
350	CT-14**	*	*	*	*	*	*	25
400	CT-16**	*	*	*	*	*	*	25
450	CT-18**	*	*	*	*	*	*	25
500	CT-20**	*	*	*	*	*	*	25
550	CT-22**	*	*	*	*	*	*	25
600	CT-24**	*	*	*	*	*	*	30
750	CT-30**	*	*	*	*	*	*	30
800	CT-32**	*	*	*	*	*	*	30
900	CT-36**	*	*	*	*	*	*	30
1000	CT-40**	*	*	*	*	*	*	30

*Indication of the gauge of material

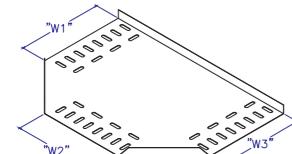
(★ For Epoxy Power Coated Cable Tray)

STANDARD SIZES OF CABLE TRAY FOR HOT-DIP GALVANIZED

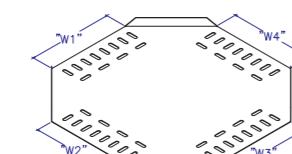
Width (mm) (W)	Product Code	Thickness						Flange Height (mm)
		1.0mm	1.2mm	1.4mm	1.5mm	1.6mm	2.0mm	
50	CT-02**	*	*	*	*	*	*	12
75	CT-03**	*	*	*	*	*	*	12
100	CT-04**	*	*	*	*	*	*	15
150	CT-06**	*	*	*	*	*	*	15
200	CT-08**	*	*	*	*	*	*	20
250	CT-10**	*	*	*	*	*	*	20
300	CT-12**	*	*	*	*	*	*	25
350	CT-14**	*	*	*	*	*	*	25
400	CT-16**	*	*	*	*	*	*	25
450	CT-18**	*	*	*	*	*	*	25
500	CT-20**	*	*	*	*	*	*	25
550	CT-22**	*	*	*	*	*	*	25
600	CT-24**	*	*	*	*	*	*	30
750	CT-30**	*	*	*	*	*	*	30
800	CT-32**	*	*	*	*	*	*	30
900	CT-36**	*	*	*	*	*	*	30
1000	CT-40**	*	*	*	*	*	*	30

*Indication of the gauge of material

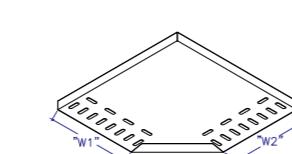
Other requirements available upon request.



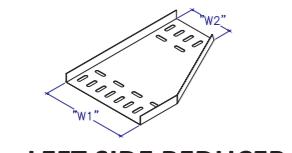
FLATWISE TEE



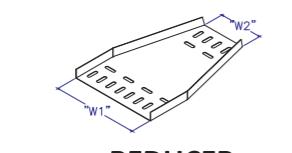
FLATWISE CROSS



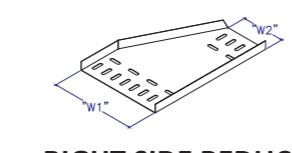
90 DEG FLATWISE ELBOW



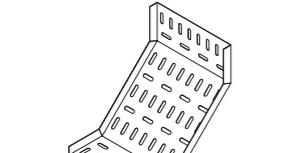
LEFT SIDE REDUCER



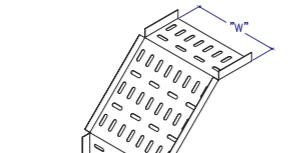
REDUCER



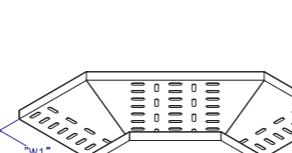
RIGHT SIDE REDUCER



INTERNAL RISER

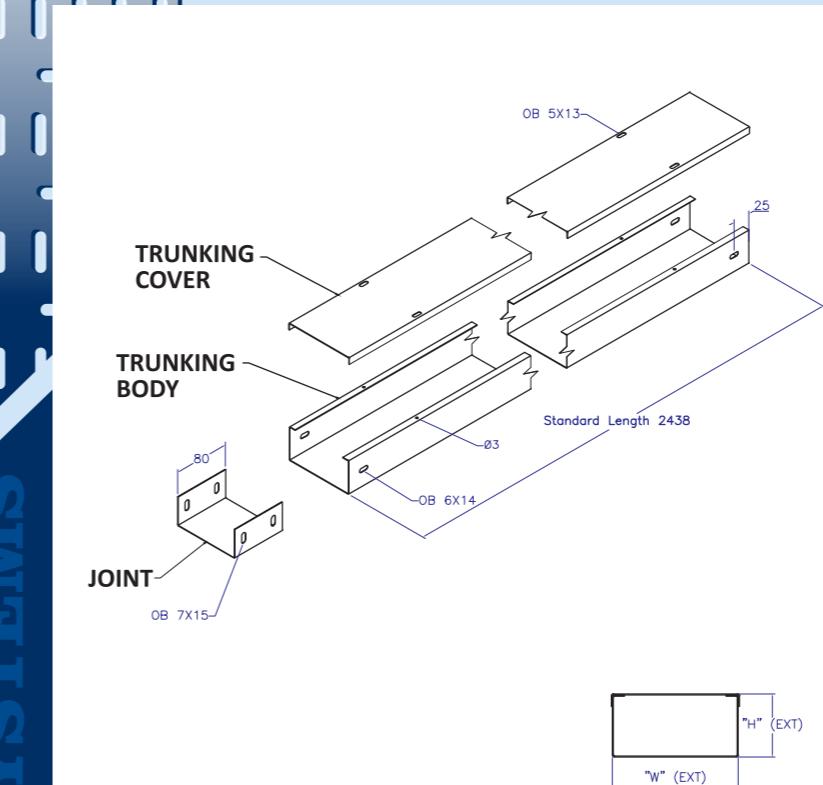


EXTERNAL RISER



90 DEG PARALLEL ELBOW

CABLE TRUNKING (Outdoor Application)



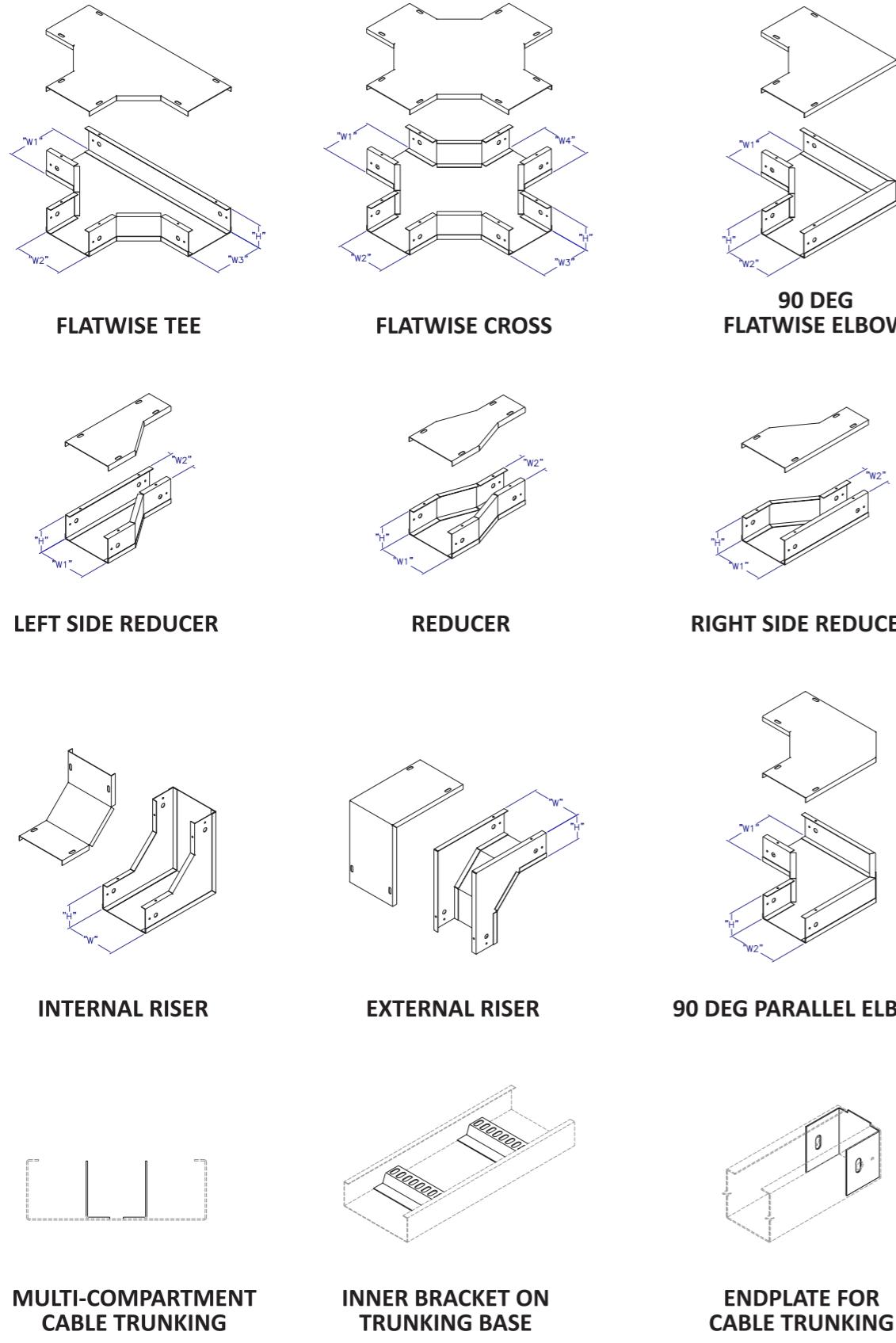
(All Dimension in mm)

RECOMMENDED MATERIALS AND TYPE OF FINISHING

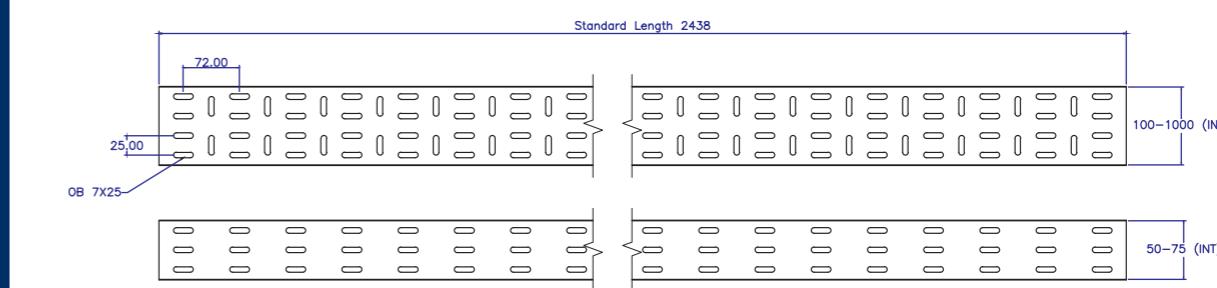
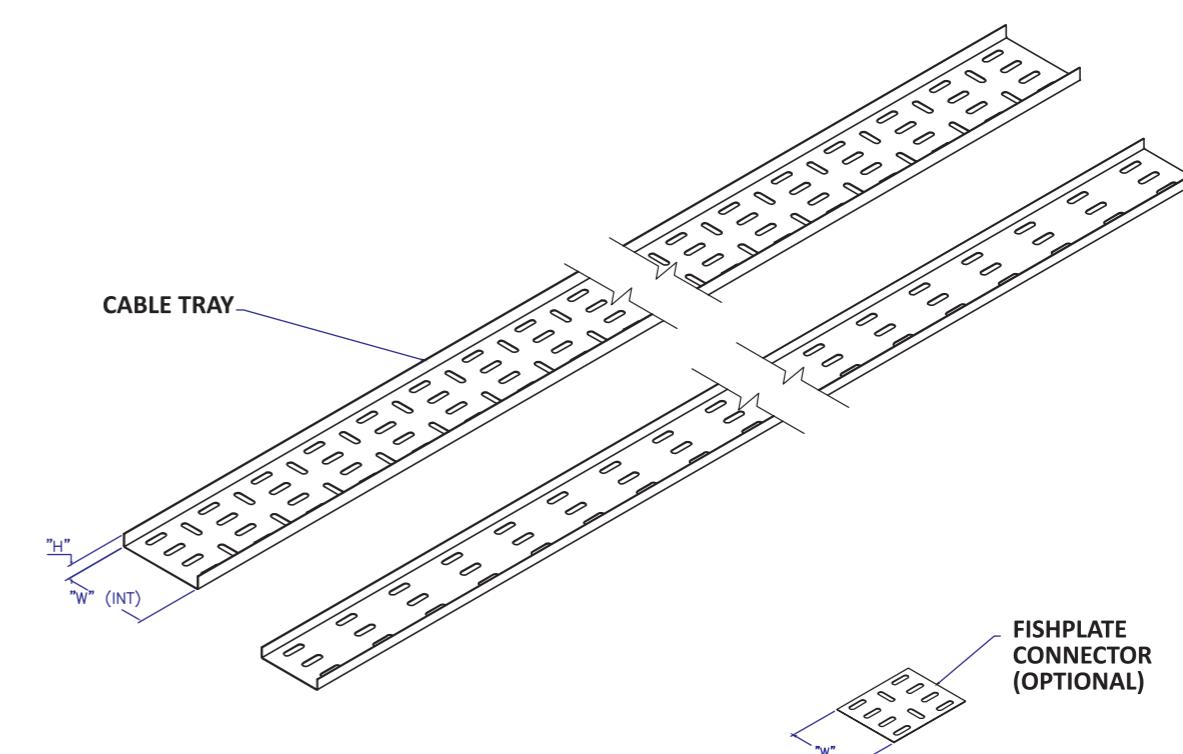
Materials	Type of Finishing
Cold Rolled Steel JIS G3141 SPCC	Hot-Dip Galvanized to BS EN ISO1461:1999 (HDG)
Superdyma, Nippon Steel STD (SD)	Original Finish
Stainless Steel AISI 304, 316 or 316L (SS)	Original Finish
Aluminium A1100 (AL)	Original Finish

Product Code	W x H		Thickness (mm)	
	(mm)	(mm)	SD/SS/AL	HDG
MT-021-**	50 x 25	2 x 1	0.8, 1.0, 1.2, 1.5	1.0, 1.2, 1.4, 1.5, 1.6
MT-022-**	50 x 50	2 x 2	0.8, 1.0, 1.2, 1.5, 2.0	1.0, 1.2, 1.4, 1.5, 1.6, 2.0
MT-032-**	75 x 50	3 x 2	0.8, 1.0, 1.2, 1.5, 2.0	1.0, 1.2, 1.4, 1.5, 1.6, 2.0
MT-033-**	75 x 75	3 x 3	0.8, 1.0, 1.2, 1.5, 2.0	1.0, 1.2, 1.4, 1.5, 1.6, 2.0
MT-042-**	100 x 50	4 x 2	0.8, 1.0, 1.2, 1.5, 2.0	1.0, 1.2, 1.4, 1.5, 1.6, 2.0
MT-043-**	100 x 75	4 x 3	0.8, 1.0, 1.2, 1.5, 2.0	1.0, 1.2, 1.4, 1.5, 1.6, 2.0
MT-044-**	100 x 100	4 x 4	0.8, 1.0, 1.2, 1.5, 2.0	1.0, 1.2, 1.4, 1.5, 1.6, 2.0
MT-062-**	150 x 50	6 x 2	0.8, 1.0, 1.2, 1.5, 2.0	1.0, 1.2, 1.4, 1.5, 1.6, 2.0
MT-063-**	150 x 75	6 x 3	0.8, 1.0, 1.2, 1.5, 2.0	1.0, 1.2, 1.4, 1.5, 1.6, 2.0
MT-064-**	150 x 100	6 x 4	0.8, 1.0, 1.2, 1.5, 2.0	1.0, 1.2, 1.4, 1.5, 1.6, 2.0
MT-082-**	200 x 50	8 x 2	1.0, 1.2, 1.5, 2.0	1.2, 1.4, 1.5, 1.6, 2.0
MT-083-**	200 x 75	8 x 3	1.0, 1.2, 1.5, 2.0	1.2, 1.4, 1.5, 1.6, 2.0
MT-084-**	200 x 100	8 x 4	1.0, 1.2, 1.5, 2.0	1.2, 1.4, 1.5, 1.6, 2.0
MT-086-**	200 x 150	8 x 6	1.0, 1.2, 1.5, 2.0	1.2, 1.4, 1.5, 1.6, 2.0
MT-102-**	250 x 50	10 x 2	1.0, 1.2, 1.5, 2.0	1.2, 1.4, 1.5, 1.6, 2.0
MT-104-**	250 x 100	10 x 4	1.0, 1.2, 1.5, 2.0	1.2, 1.4, 1.5, 1.6, 2.0
MT-106-**	250 x 150	10 x 6	1.0, 1.2, 1.5, 2.0	1.2, 1.4, 1.5, 1.6, 2.0
MT-122-**	300 x 50	12 x 2	1.0, 1.2, 1.5, 2.0	1.2, 1.4, 1.5, 1.6, 2.0
MT-124-**	300 x 100	12 x 4	1.0, 1.2, 1.5, 2.0	1.2, 1.4, 1.5, 1.6, 2.0
MT-126-**	300 x 150	12 x 6	1.0, 1.2, 1.5, 2.0	1.4, 1.5, 1.6, 2.0
or Bigger Size				

STANDARD & CUSTOMISED CABLE TRUNKING FITTINGS



STANDARD STRAIGHT EDGE PERFORATED CABLE TRAY



(All Dimension in mm)

Manufacture : MS IEC 61537, NEMA VE1
Standard Length : 2.438 meter (Please specify if others)
Complete With : (Fishplate, Bolt & Nut, Copper Link)- Optional

RECOMMENDED MATERIALS AND TYPE OF FINISHING

Materials	Type of Finishing	Recommendation Use
Cold Rolled Steel JIS G3141 SPCC	Epoxy Power Coated to ASTM B-117	Indoor
Galvanized Iron JIS G3302 SGCC	Original Finish	Indoor
Superdyma, Nippon Steel STD (SD)	Original Finish	Outdoor
Cold Rolled Steel JIS G3141 SPCC	Hot-Dip Galvanized to BS EN ISO1461:1999 (HDG)	Outdoor
Stainless Steel AISI 304, 316 or 316L (SS)	Original Finish	Outdoor
Aluminium A1100 (AL)	Original Finish	Outdoor