

AL-FAREED STARS FACTORY

For Metal Industries & Cable Support System

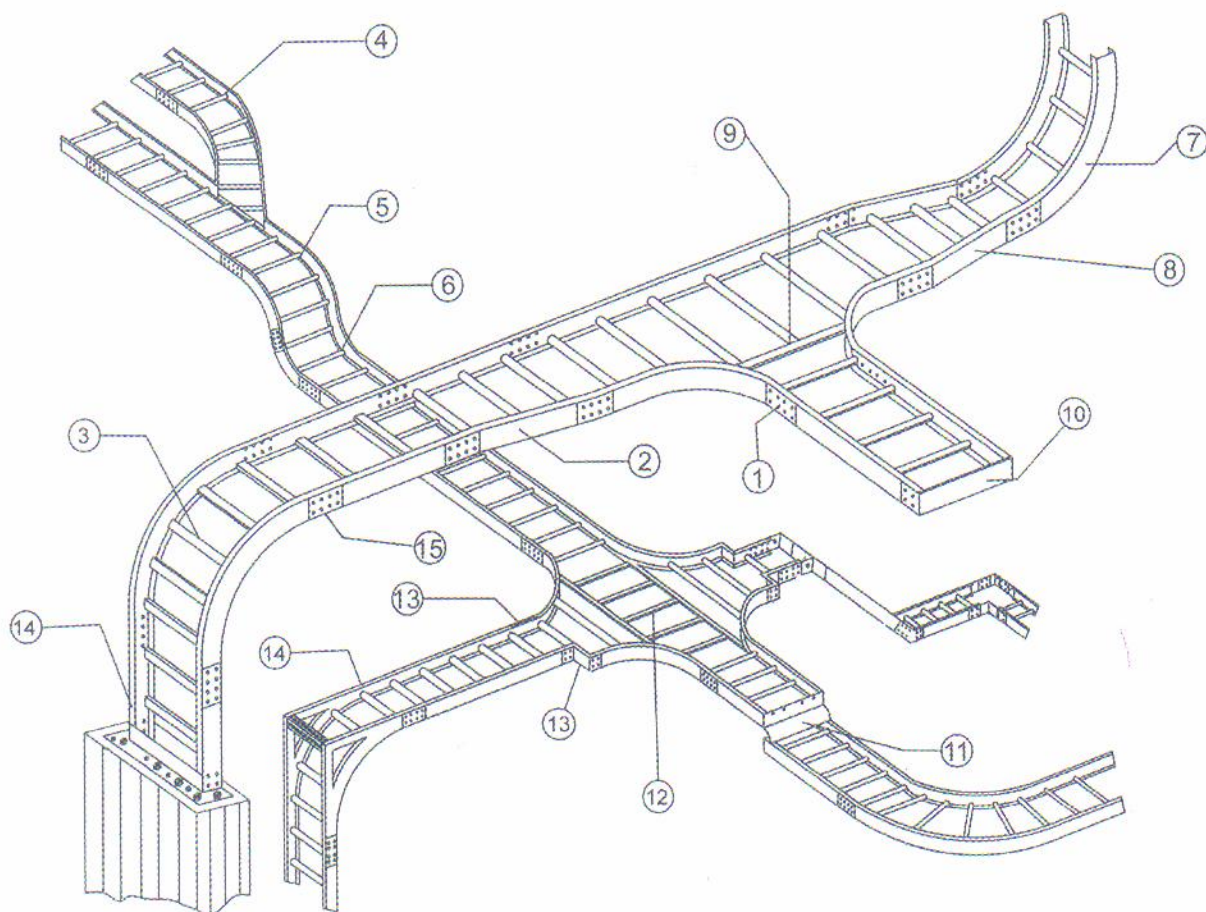


مصنع نجوم الفريد للصناعات المعدنية



LADDERS

PRODUCT RANGE CABLE LADDER SYSTEM



- 1 - JOINT CONNECTOR
- 2 - RIGHT HAND OFFSET REDUCER
- 3 - OUTSIDE 90° VERTICAL ELBOW
- 4 - 45° HORIZONTAL ELBOW
- 5 - 45° OUTSIDE VERTICAL ELBOW
- 6 - 45° INSIDE VERTICAL ELBOW
- 7 - INSIDE 90° VERTICAL ELBOW

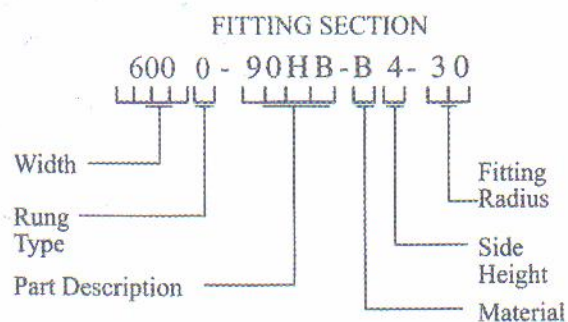
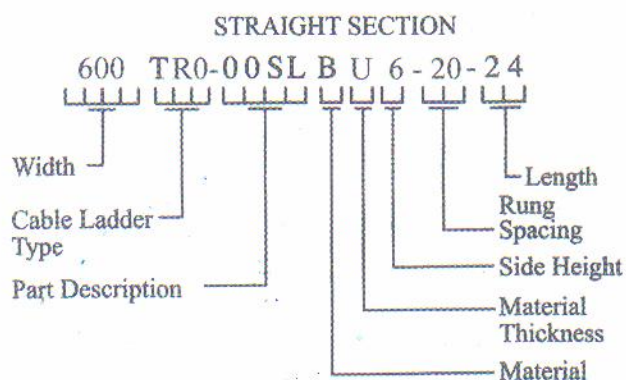
- 8 - REDUCER
- 9 - HORIZONTAL Tee
- 10 - BLIND END PLATE
- 11 - END DROPOUT
- 12 - HORIZONTAL CROSS
- 13 - OFFSET REDUCING CONNECTOR
- 14 - CABLE LADDER
- 15 - STANDARD CONNECTORS

CABLE LADDER ORDERING CHART



WIDTH (mm)	CABLETRAY LADDER TYPE	RUNG TYPE	PART DESCRIPTION	MATERIAL	SIDE RAIL HEIGHT	RUNG SPACING	LENGTH/ RADIUS
150	HEAVY DUTY	HEAVY DUTY	00SL - Straight Length	A Mill Galvanized	2 50mm	15 150mm	
200	TYPE-TC0	U U-Profile Rungs	90HB - 90 Deg. Horizontal Bend		3 75mm	20 200mm	24 2.44 meters
250	TYPE-TR0 With Return Flange	O Round Tubular	45HB - 45 Deg. Horizontal Bend	B HDGAF		25 250mm	30 3 meters
300			90IR - 90 Deg. Inside Riser		4 100mm		36 3.60 meter
350			45IR - 45 Deg. Inside Riser				
450			90OR - 90 Deg. Outside Riser	C Aluminum		30 300mm	
500			45OR - 45 Deg. Outside Riser		5 125mm		
600			00TH - Horizontal Tee				
750	MEDIUM TO HEAVY DUTY	MEDIUM TO HEAVY DUTY	00CH - Horizontal Cross				
900	TYPE-TC1	U U-Profile Rungs	0RHR - Right Hand Reducer				
1000	TYPE-TR1 With Return Flange		0LHR - Left Hand Reducer	MATERIAL THICKNESS	6 133mm		FITTING RADIUS
1200			00SR - Straight Reducer				
1500			00LY - Y - Branch Left		7 150 mm		30 300mm
			00RY - Y - Right Branch				
			00SV - Vertical Support Elbow				
			00TV - Vertical Tee				
				2 1.20mm			60 600mm
				3 1.50mm			90 900mm
				4 2.00mm			

CABLE LADDER PART NUMBER SYSTEM



CABLE LADDER SYSTEM GENERAL INFORMATION



1- LIGHT DUTY CABLE LADDER

SIDE RAIL HEIGHT mm	RUNG SPACING mm	RUNG SIZE mm	METAL THICKNESS mm
100	300	25	1.50
150			

2- MEDIUM DUTY CABLE LADDER

SIDE RAIL HEIGHT mm	RUNG SPACING mm	RUNG SIZE mm	METAL THICKNESS mm
100	250 - 300	25	1.50
150			2.0
200			

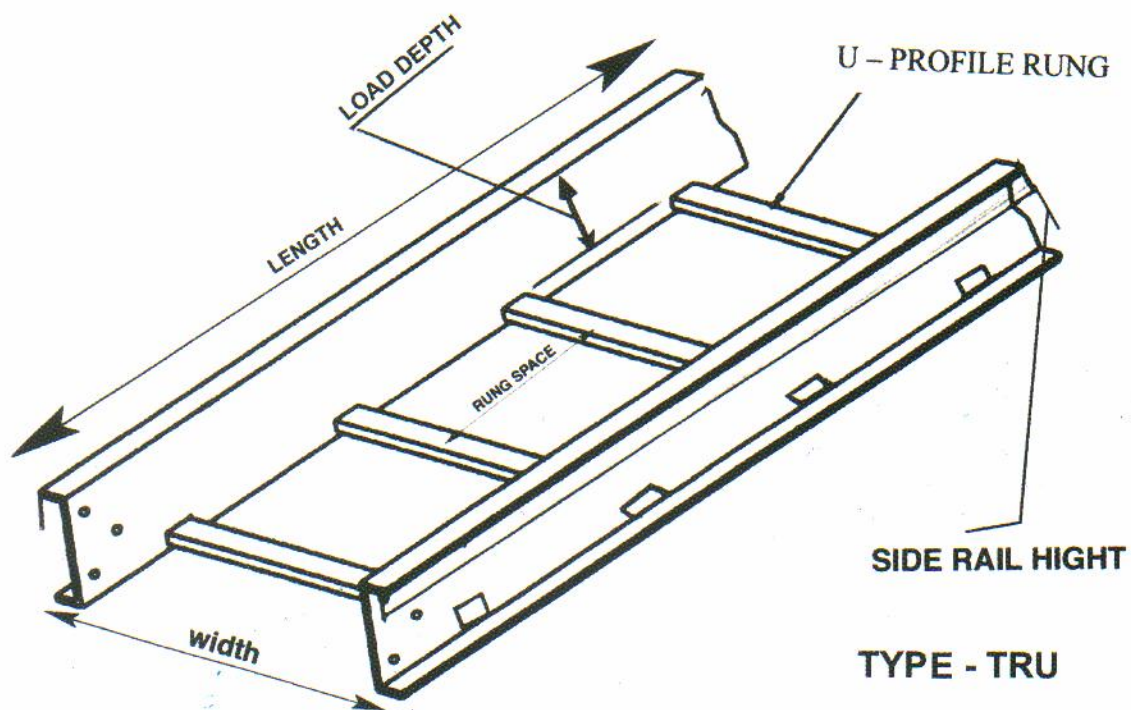
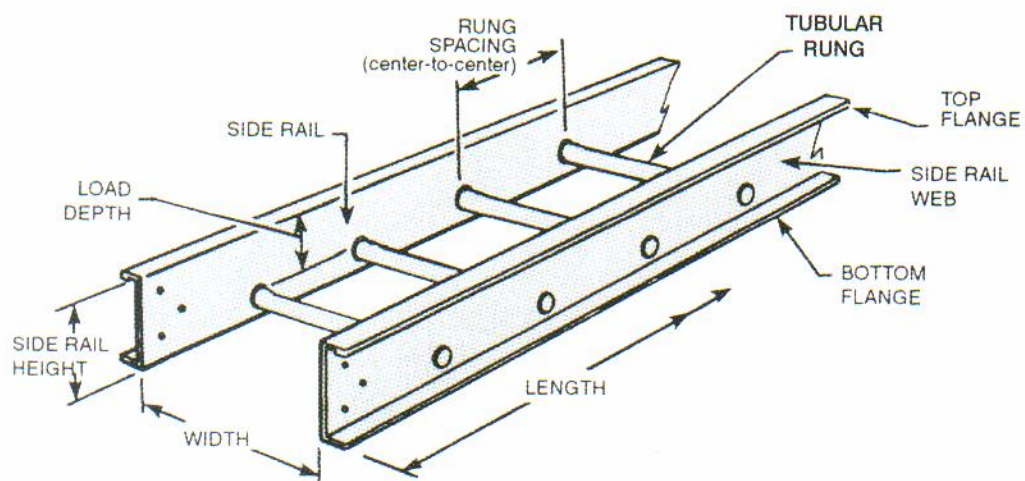
3- HEAVY DUTY CABLE LADDER

SIDE RAIL HEIGHT mm	RUNG SPACING mm	RUNG SIZE mm	METAL THICKNESS mm
100	150 - 200 - 225 300	25	2.0 - 2.5
150			
200			

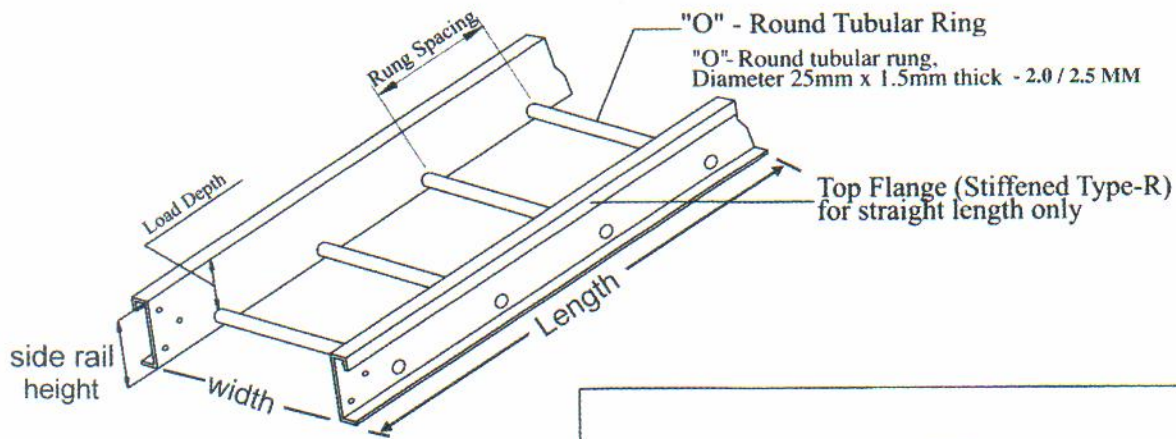
HOT DIP GALVANIZED AFTER FABRICATION (HDGAF)	MILD STEEL TO ASTM A - 123/NEMA VE 1 BS - 729 AND EN ISO 1461 ZINC COATING RANGING FROM 49 - 70 MICRONS DEPENDING ON THE THICKNESS OF THE SHEET
ALUMINIUM	ALUMINIUM ALLOY 5754 (NFA 50-451)

POWDER COATING	POLYESTER POWDER COATING ON MILD STEEL IN R.A.L. COLOURS
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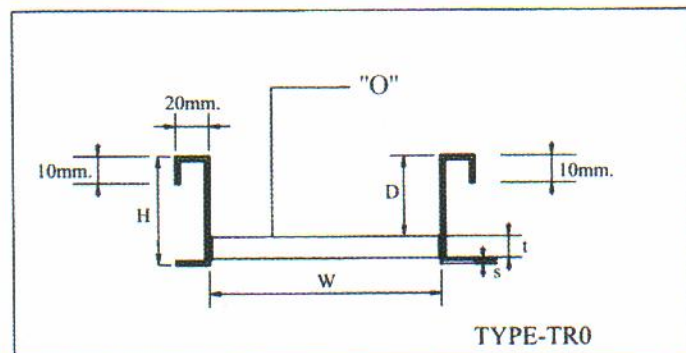
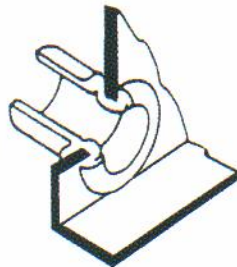
DESCRIPTION OF LADDER



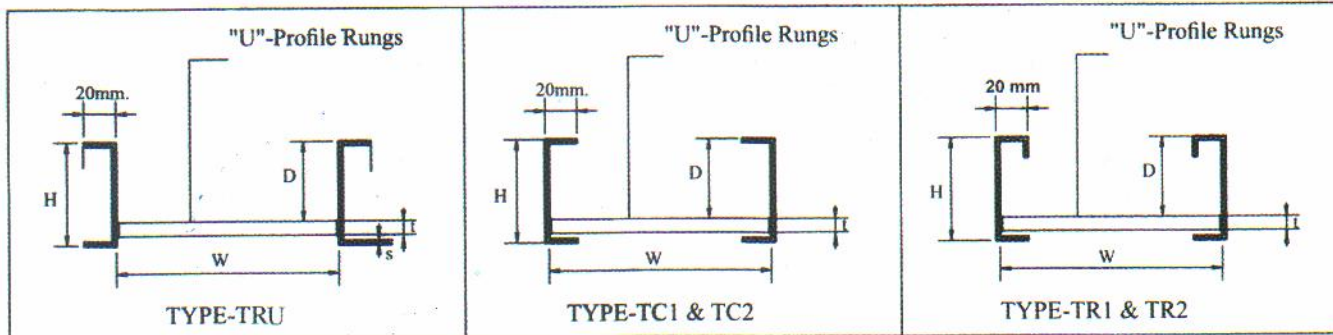
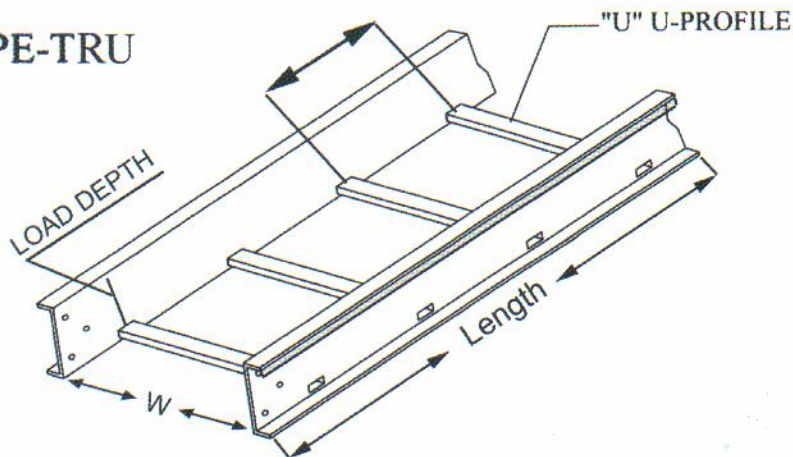
TYPE OF LADDERS



SECTION VIEW



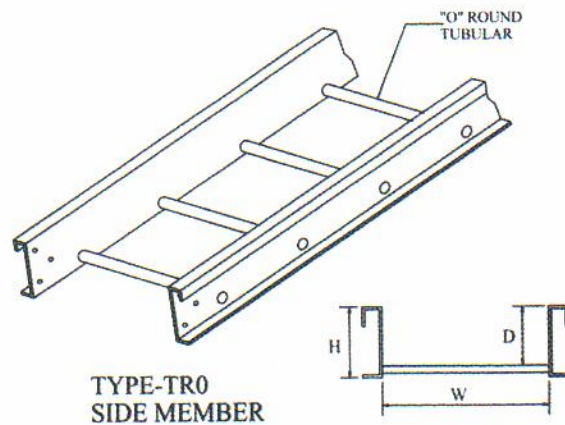
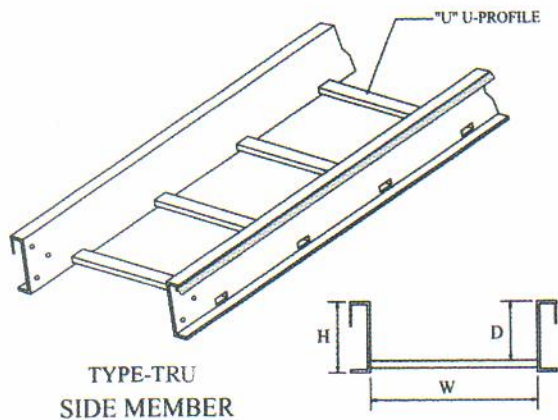
TYPE-TRU



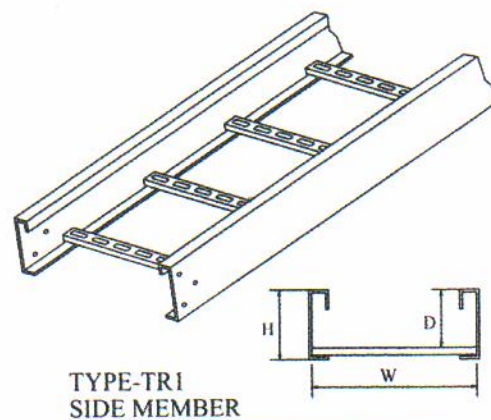
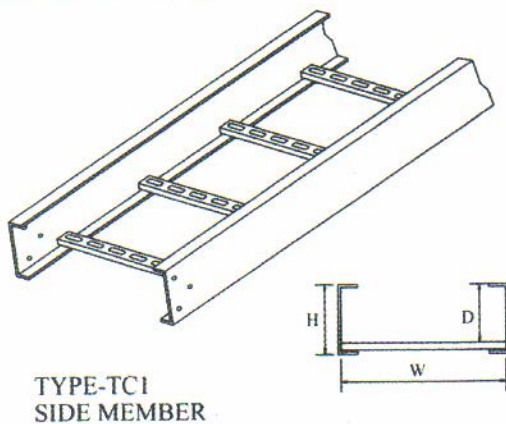
TYPE OF LADDERS



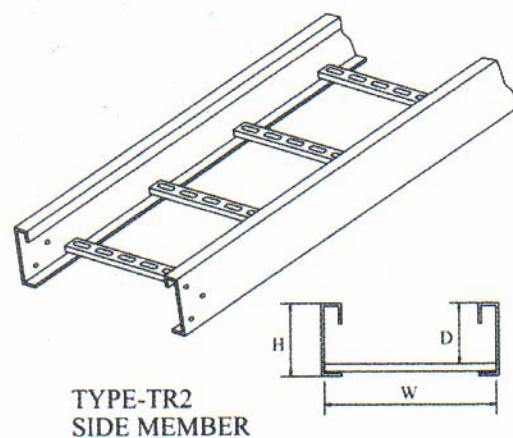
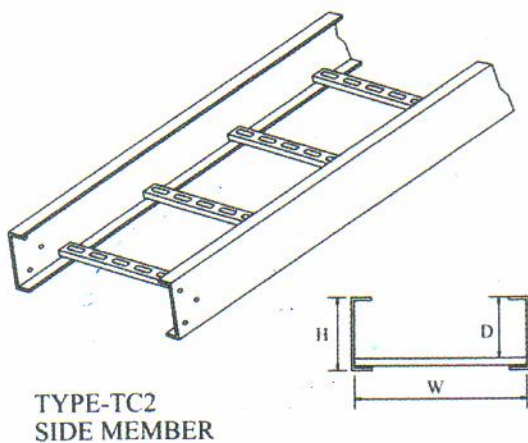
1 - HEAVY DUTY TYPE



2 - MEDIUM-HEAVY DUTY TYPE



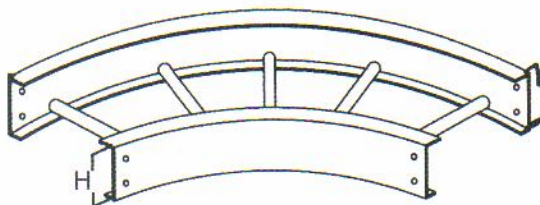
3 - MEDIUM-LIGHT DUTY TYPE



CABLE LADDER FITTINGS

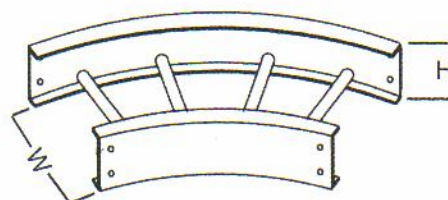


PART DESCRIPTION: 90HB



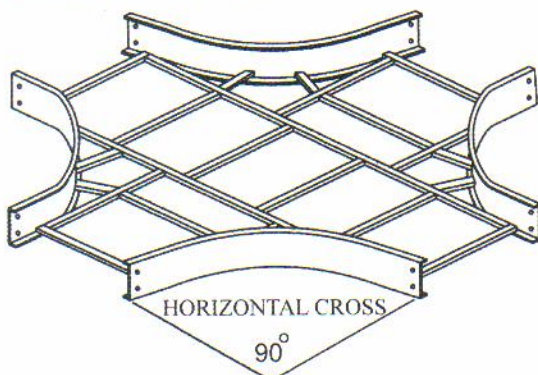
90 DEG. HORIZONTAL BEND

PART DESCRIPTION: 45HB



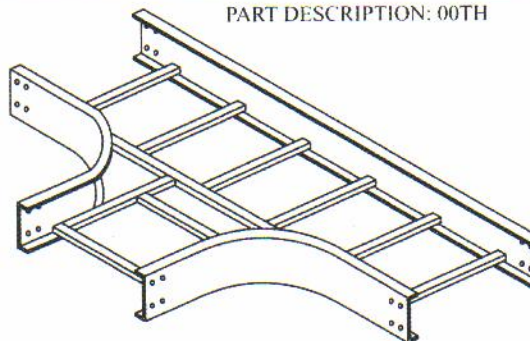
45 DEG. HORIZONTAL BEND

PART DESCRIPTION: 00CH



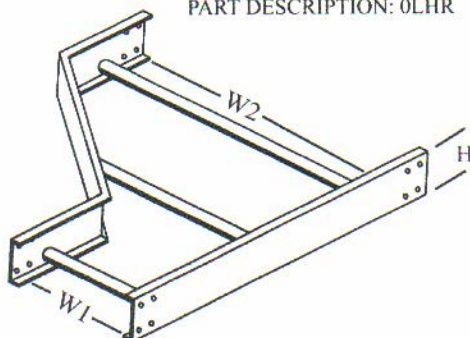
HORIZONTAL CROSS
90°

PART DESCRIPTION: 00TH



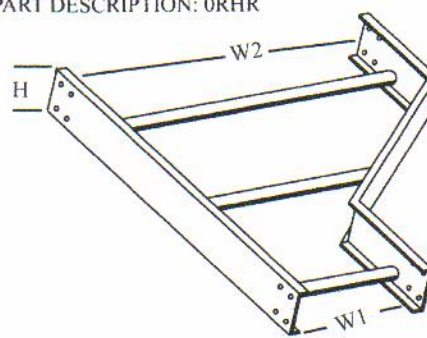
HORIZONTAL Tee

PART DESCRIPTION: 0LHR



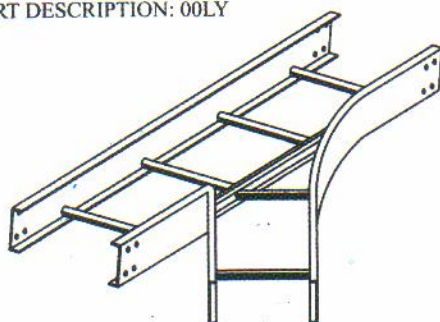
LEFT HAND REDUCER

PART DESCRIPTION: 0RHR



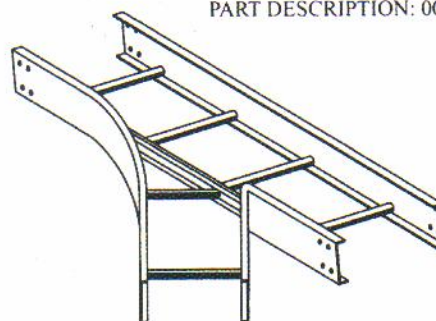
RIGHT HAND REDUCER

PART DESCRIPTION: 00LY



Y - WYE BRANCH LEFT

PART DESCRIPTION: 00RY

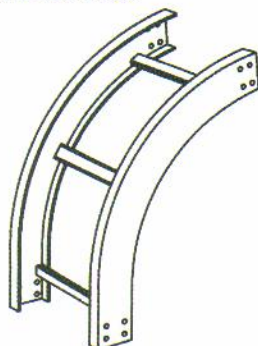


Y - BRANCH RIGHT

CABLE LADDER FITTINGS

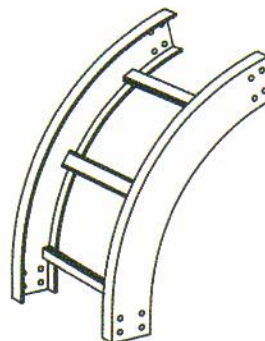


PART DESCRIPTION: 90OR



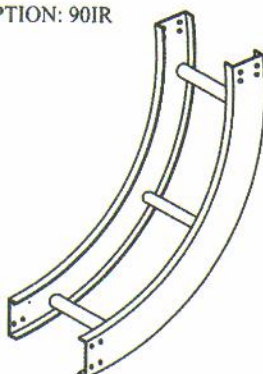
90 DEG. OUTSIDE VERT. BEND

PART DESCRIPTION: 45OR



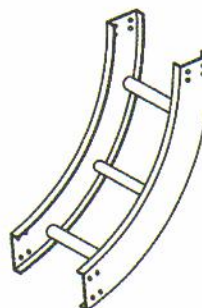
45 DEG. OUTSIDE VERT. BEND

PART DESCRIPTION: 90IR



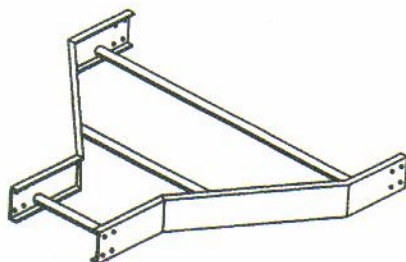
90 DEG. INSIDE VERT. BEND

PART DESCRIPTION: 45IR



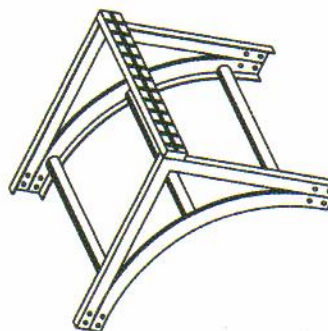
45 DEG. INSIDE VERT. BEND

PART DESCRIPTION: 00SR



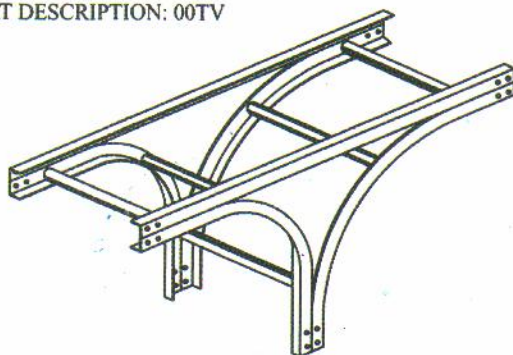
STRAIGHT REDUCER

PART DESCRIPTION: 00SV



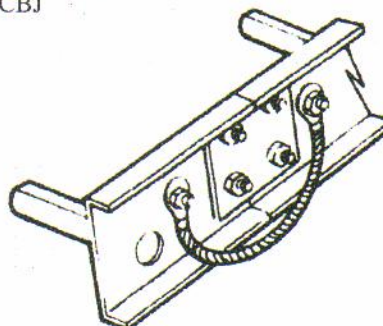
VERTICAL SUPPORT ELBOW

PART DESCRIPTION: 00TV

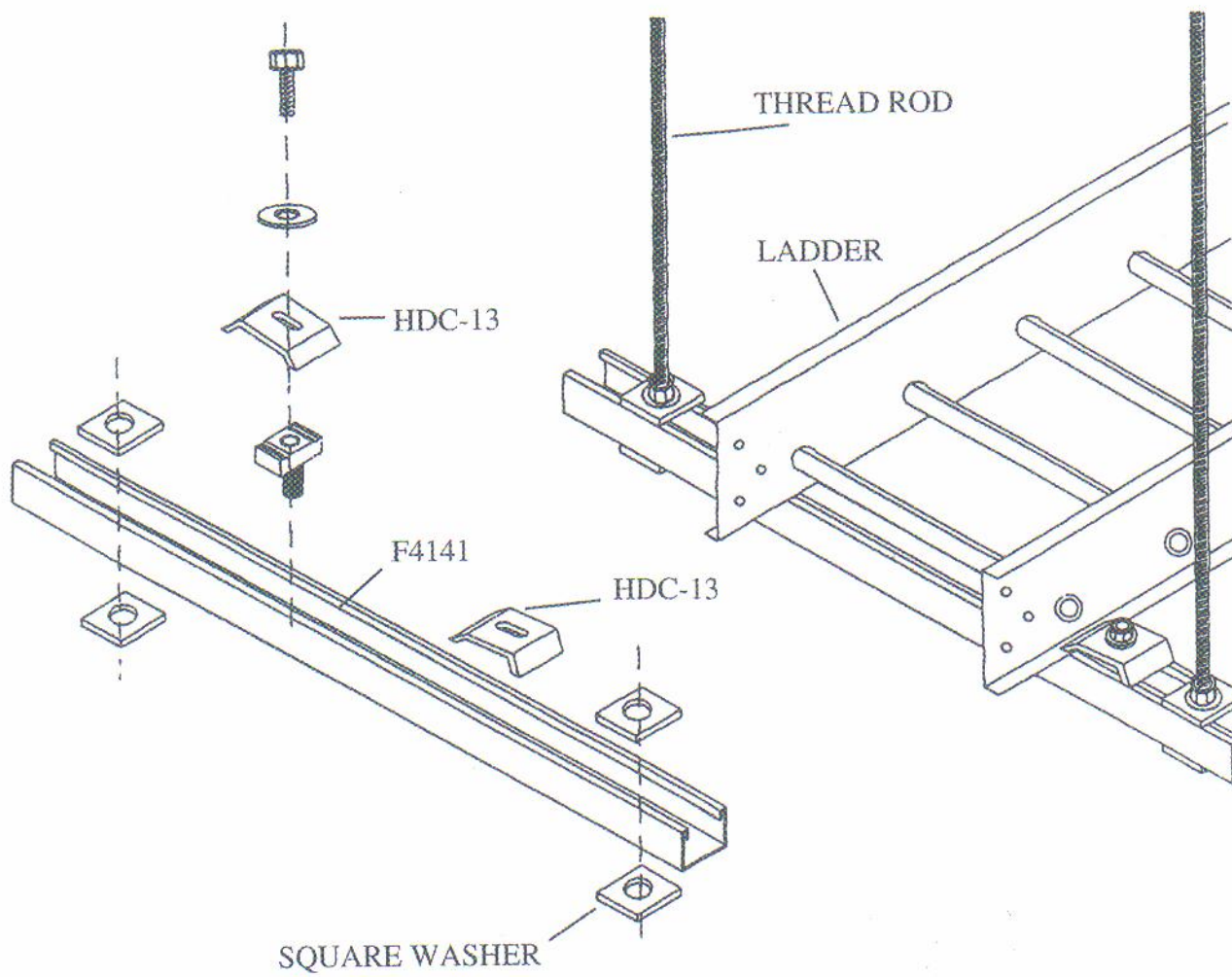


VERTICAL Tee

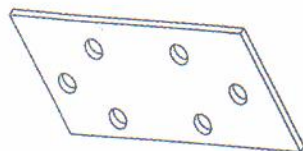
BONDING JUMPER
PART No. CBJ



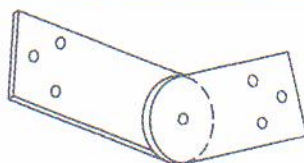
ACCESSORIES FOR LADDER



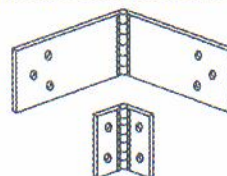
CABLE LADDER ACESSORIES CONNECTIONS



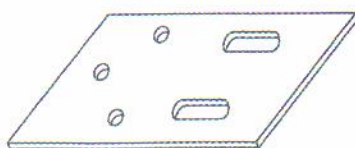
STANDARD CONNECTOR
PART REFERENCE : LSC1



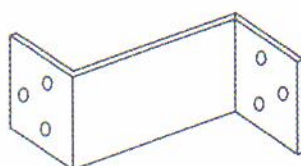
VERTICAL ADJUSTABLE
CONNECTOR
PART REFERENCE : VAC2



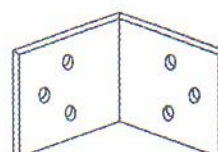
HORIZONTAL ADJUSTABLE
CONNECTOR
PART REFERENCE : HAC3



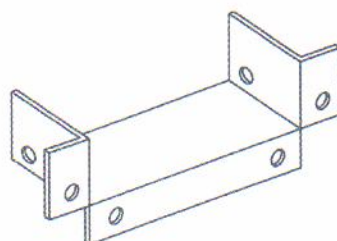
EXPANSION CONNECTOR
PART REFERENCE : LCE4



REDUCING CONNECTOR
PART REFERENCE : LCR5



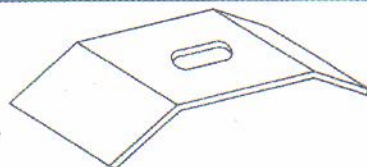
90 DEG. ANGLE CONNECTOR
PART REFERENCE : A90-6



BOX CONNECTOR
PART REFERENCE : LCB7

SIDE HT.	MATERIAL	PART REFERENCE
2	B Hot Dip Galvanized (H.D.G.A.F.)	- LSC 1
50 mm		- LCE 4
3		- VAC 2
75 mm		- HAC 3
4		- LCR 5
100 mm	C Aluminum	- A90 6
5		- LCB 7
125 mm		
6		
133 mm		
7		
150 mm		

CLAMPS

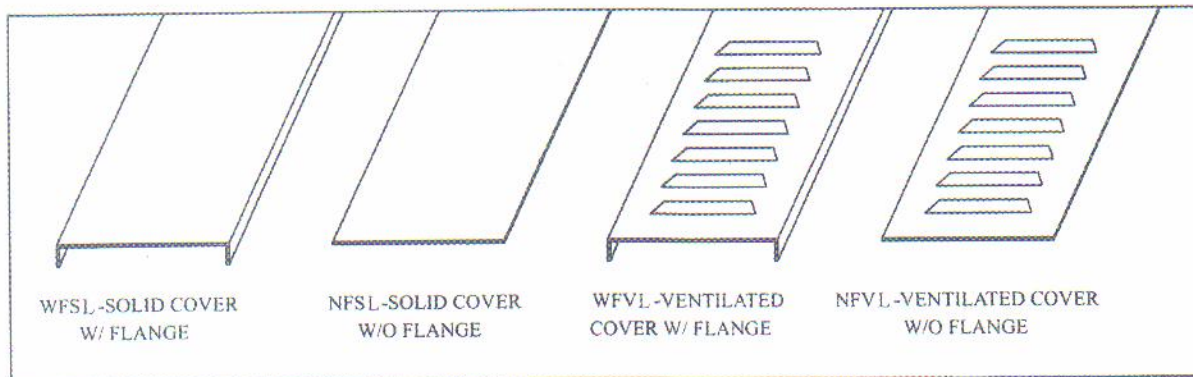


HOLD DOWN CLAMP
PART REFERENCE : HDC13



EXPANSION GUIDE
PART REFERENCE : EGZ

CABLE LADDER COVERS



ORDER BY CATALOG NUMBER

STRAIGHT LENGTHS

EXAMPLE :

WFV BO - 00SL 60030

WFVL-VENTILATED
COVER W/ FLANGE

WFV = Solid Cover with Flange Type
B = Hot Dip Galvanize
O = Side Rail Type
00SL = Straight Length
600 = 600 mm Wide
30 = 3 Meter Length

FITTINGS

EXAMPLE :

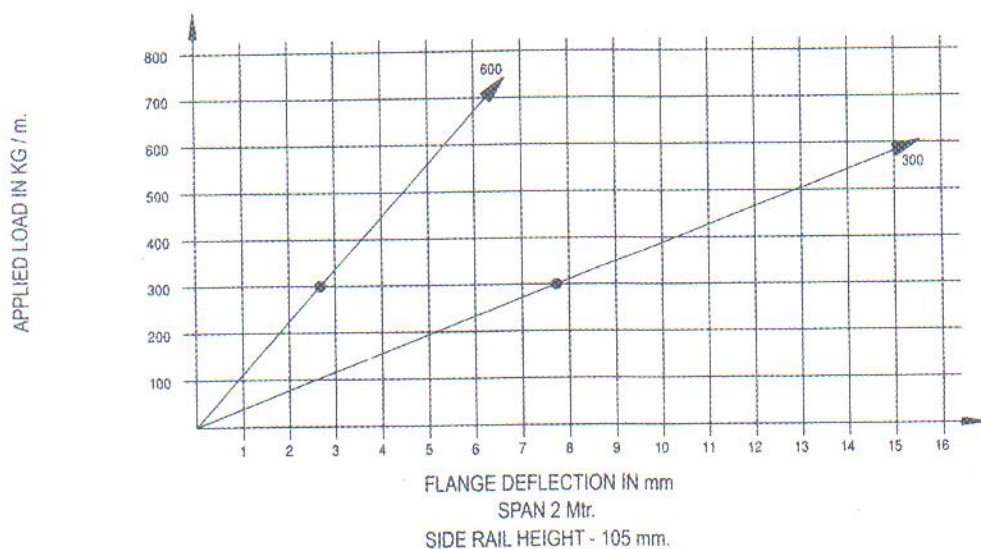
WFS A - 90HB 250-30

WFSL-SOLID COVER
W/ FLANGE

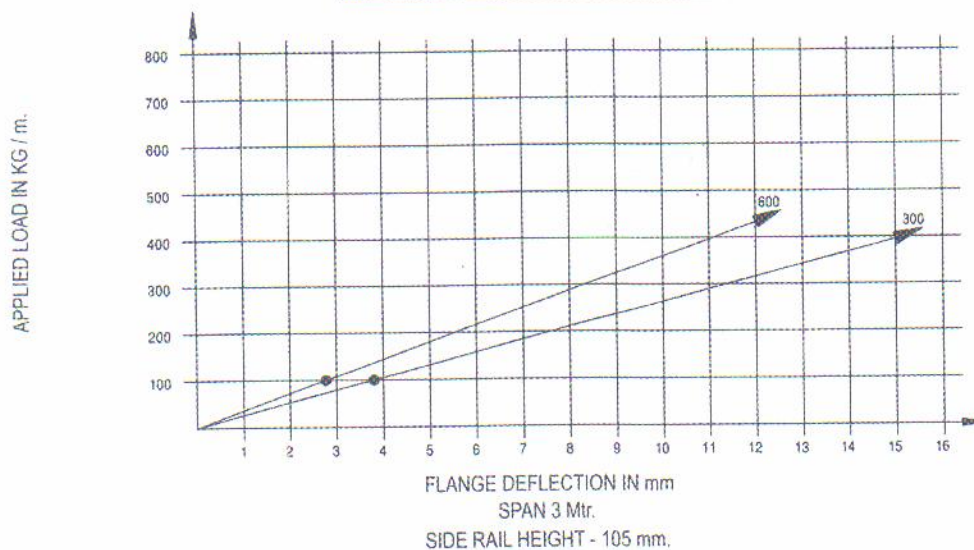
WFS = Solid Cover without Flange
B = Hot Dip Galvanize
90HB = 90 Deg. Horizontal Elbow
250 = 250 mm Wide
30 = 300 mm. Fitting Radius

COVER TYPE	MATERIAL FINISH	SIDE RAIL TYPE	PART DESCRIPTION	WIDTH mm	LENGTH/ RADIUS
STRAIGHT LADDER & FITTINGS	B Hot Dip Galvanized (H.D.G.A.F.)	O FOR TYPE-TRU & TR0 OUTSIDE FLANGE	00SL - Straight Length	150	STRAIGHT SECTIONS
NFSL SOLID W/O FLANGE			90HB - 90 Deg. Horizontal Bend	200	24
NFVL VENT. W/O FLANGE	C ALUMINUM	I FOR TYPE-TC1 & TR1 TYPE-TC2 & TR2 INSIDE FLANGE	45HB - 45 Deg. Horizontal Bend	250	2.44 Meters
STRAIGHT LADDER ONLY			90IR - 90 Deg. Inside Riser	300	30
WFSL SOLID W/ FLANGE	C ALUMINUM	I FOR TYPE-TC1 & TR1 TYPE-TC2 & TR2 INSIDE FLANGE	45IR - 45 Deg. Inside Riser	350	3 Meters
WFVL VENT W/ FLANGE			90OR - 90 Deg. Outside Riser	450	37
			45OR - 45 Deg. Outside Riser	500	3.7 Meters
			00TH - Horizontal Tee	600	---
			00CH - Horizontal Cross	700	FITTING RADIUS
			0RHR - Right Hand Reducer	750	30
			0LHR - Left Hand Reducer	800	(300 mm. RAD)
			00SR - Straight Reducer	900	60
			00LY - Y - Branch Left	1000	(600 mm. RAD)
			00RY - Y - Branch Right	1200	90
			00SV - Vertical Support Elbow	1500	(900 mm. RAD)
			00TV - Vertical Tee	---	---

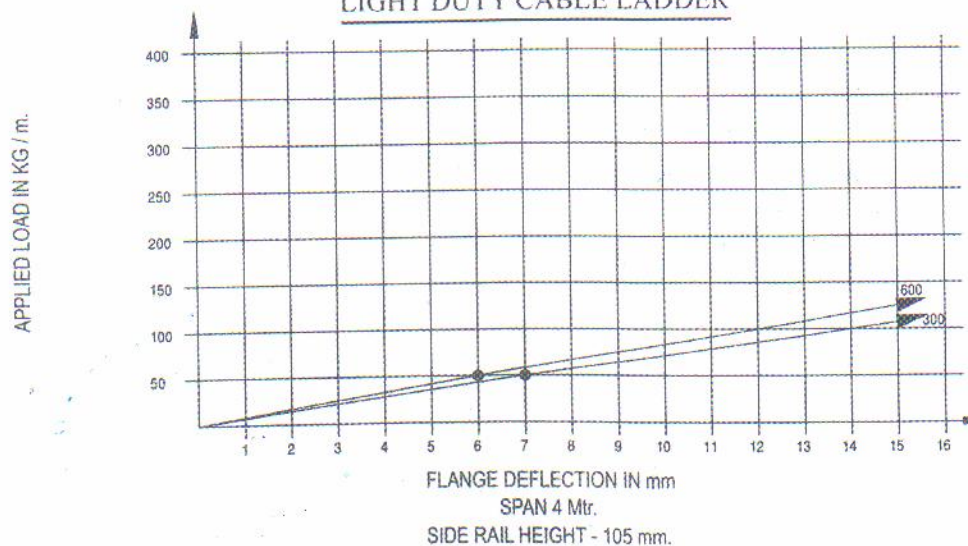
LOADING GRAPH FOR CABLE LADDER



LIGHT DUTY CABLE LADDER

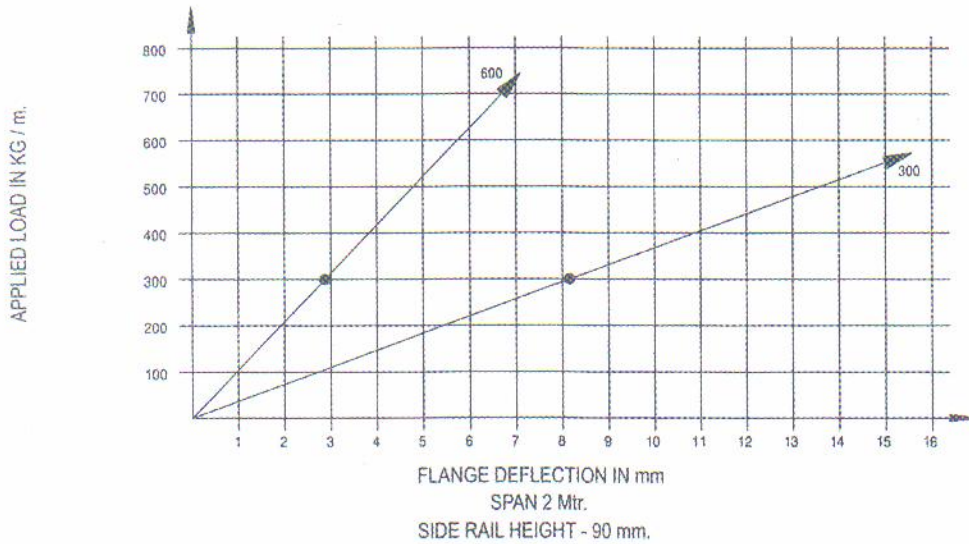


LIGHT DUTY CABLE LADDER

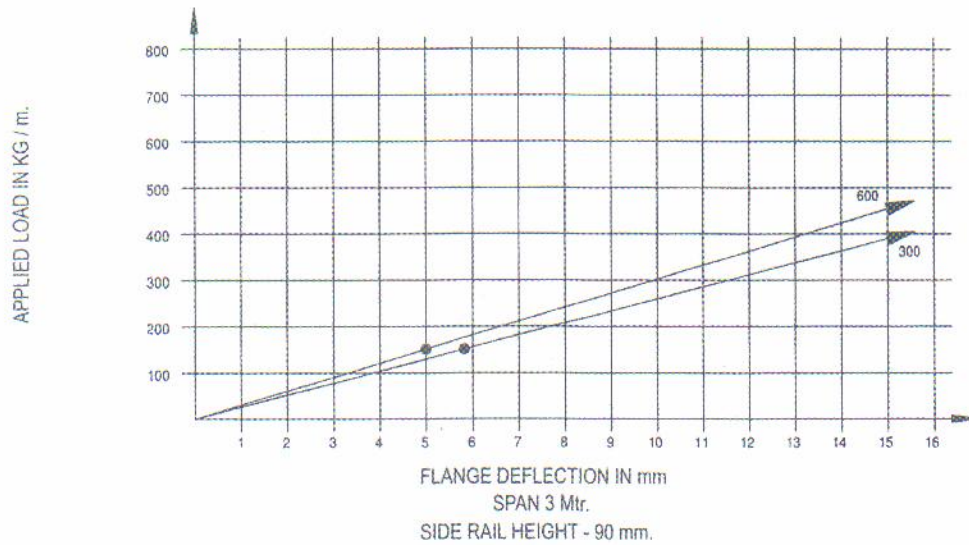


LIGHT DUTY CABLE LADDER

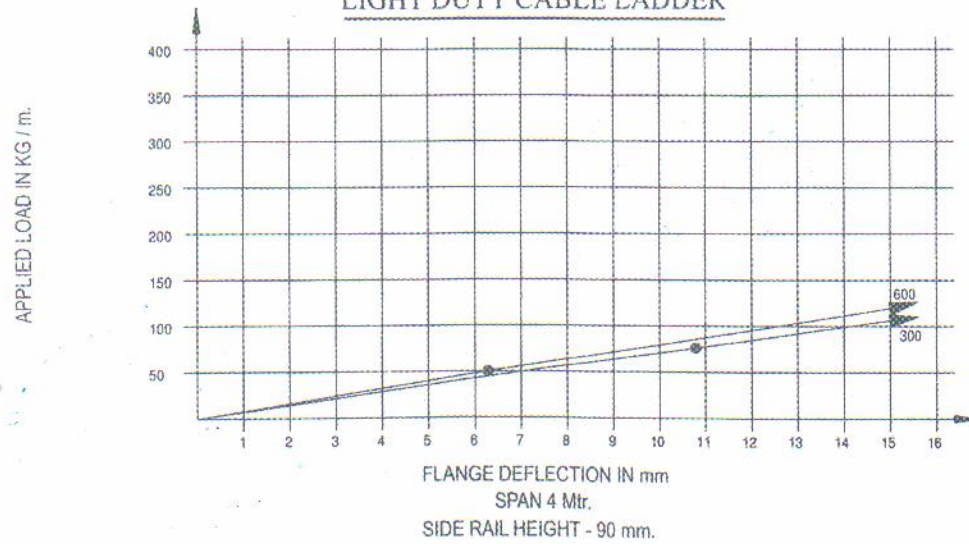
LOADING GRAPH FOR CABLE LADDER



LIGHT DUTY CABLE LADDER



LIGHT DUTY CABLE LADDER

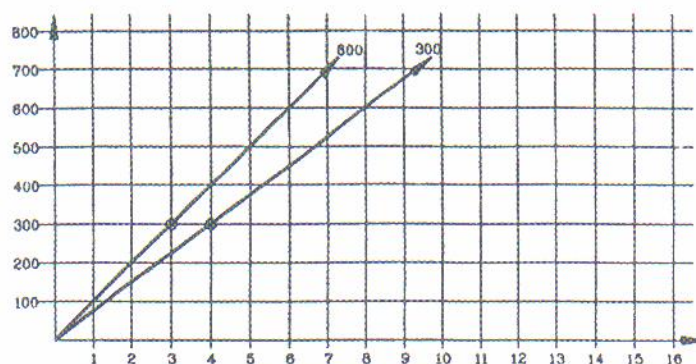


LIGHT DUTY CABLE LADDER

LOADING GRAPH FOR CABLE LADDER



APPLIED LOAD IN KG / M.



FLANGE DEFLECTION IN MM

SPAN 2 Mtr.

SIDE RAIL HEIGHT - 120 mm

MEDIUM DUTY CABLE LADDER

APPLIED LOAD IN KG / M.



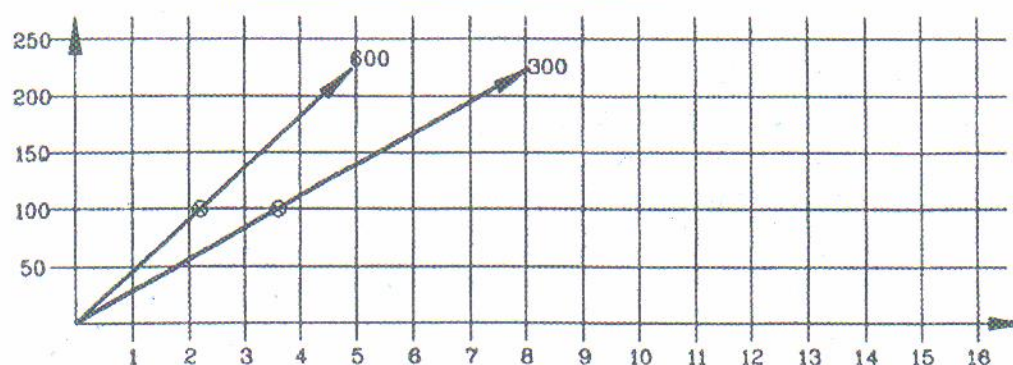
FLANGE DEFLECTION IN MM

SPAN 3 Mtr.

SIDE RAIL HEIGHT - 120 mm

MEDIUM DUTY CABLE LADDER

APPLIED LOAD IN KG / M.



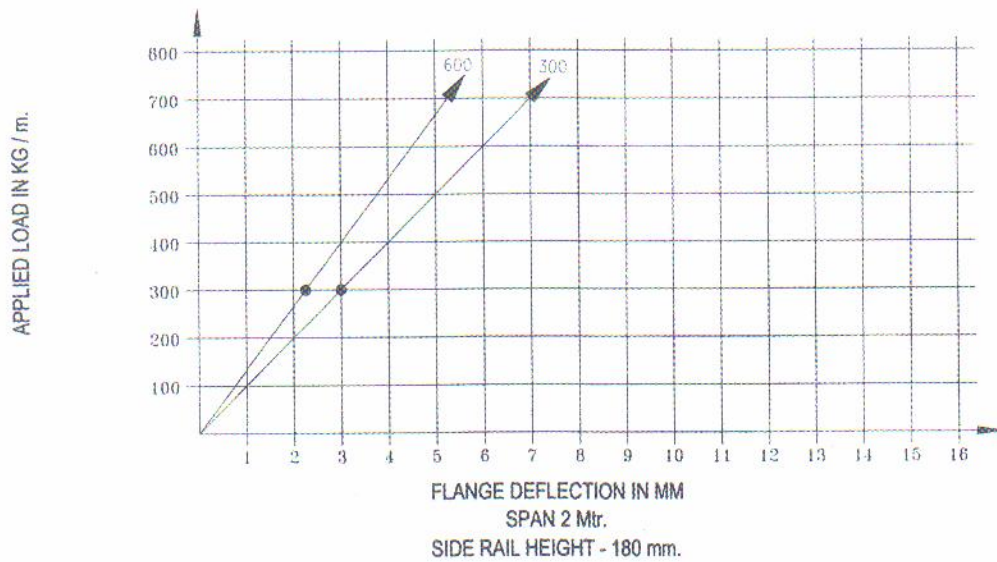
FLANGE DEFLECTION IN MM

SPAN 4 Mtr.

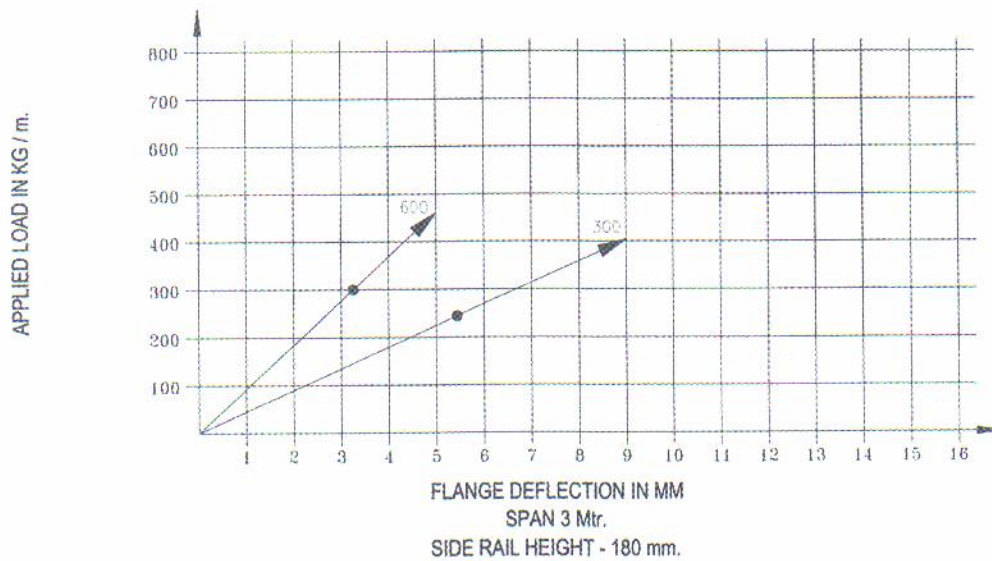
SIDE RAIL HEIGHT - 120 mm

MEDIUM DUTY CABLE LADDER

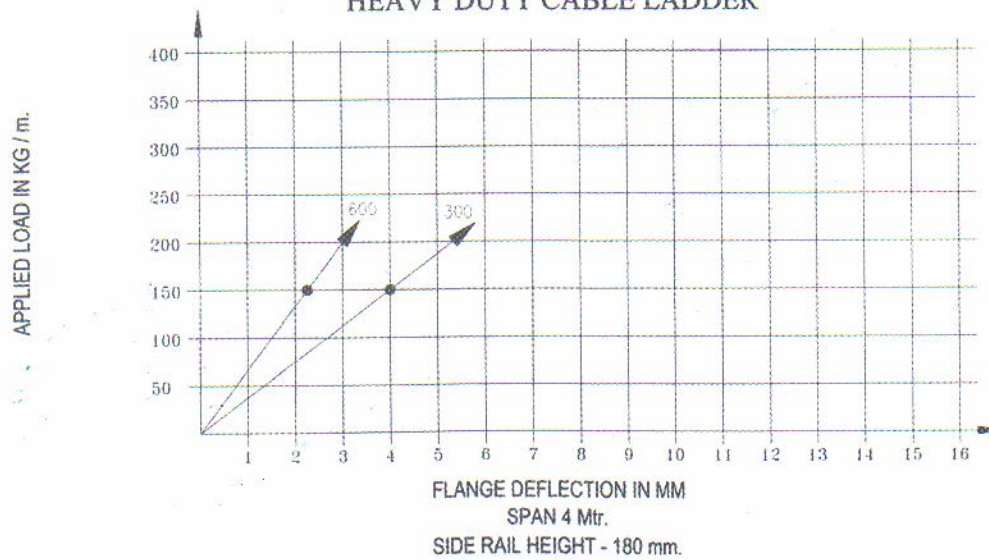
LOADING GRAPH FOR CABLE LADDER



HEAVY DUTY CABLE LADDER

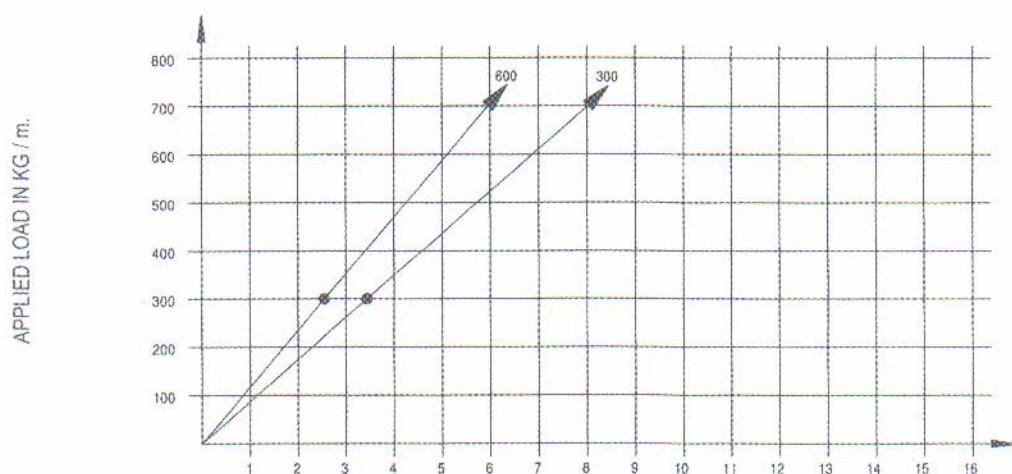


HEAVY DUTY CABLE LADDER



HEAVY DUTY CABLE LADDER

LOADING GRAPH FOR CABLE LADDER

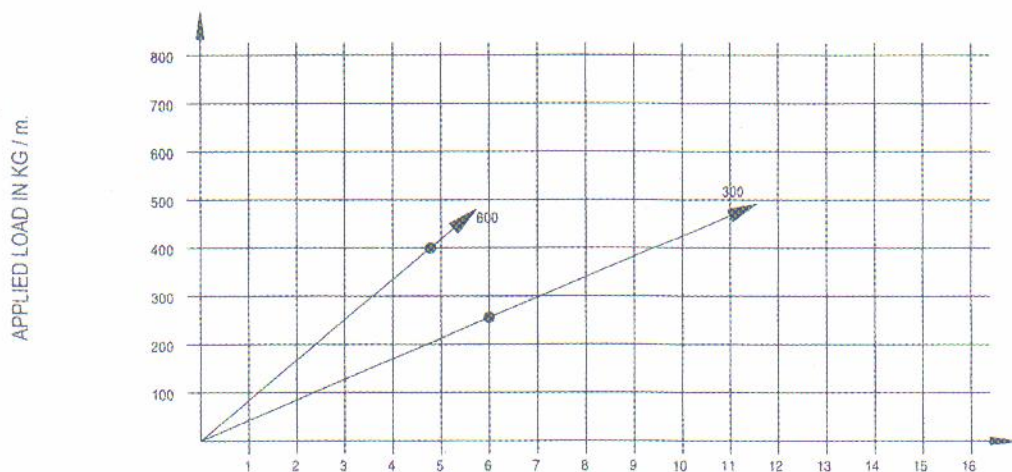


FLANGE DEFLECTION IN mm

SPAN 2 Mtr.

SIDE RAIL HEIGHT - 155 mm.

HEAVY DUTY CABLE LADDER

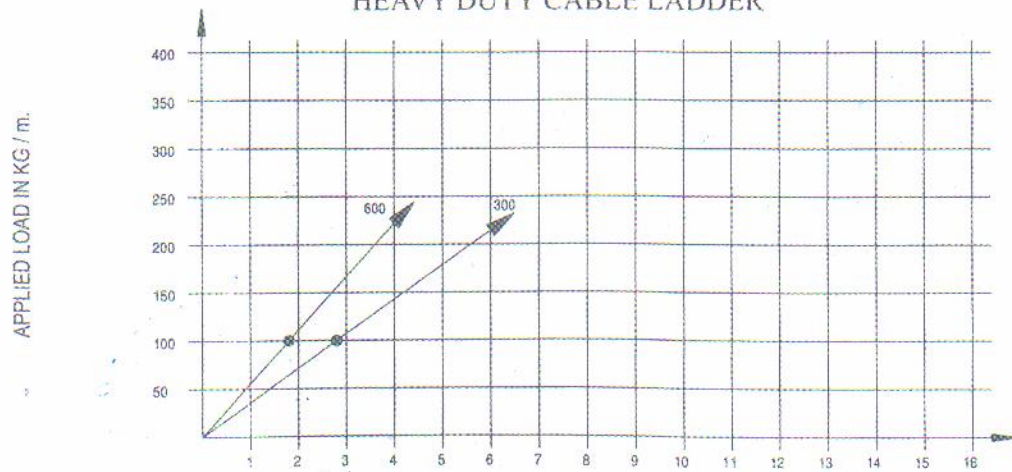


FLANGE DEFLECTION IN mm

SPAN 3 Mtr.

SIDE RAIL HEIGHT - 155 mm.

HEAVY DUTY CABLE LADDER



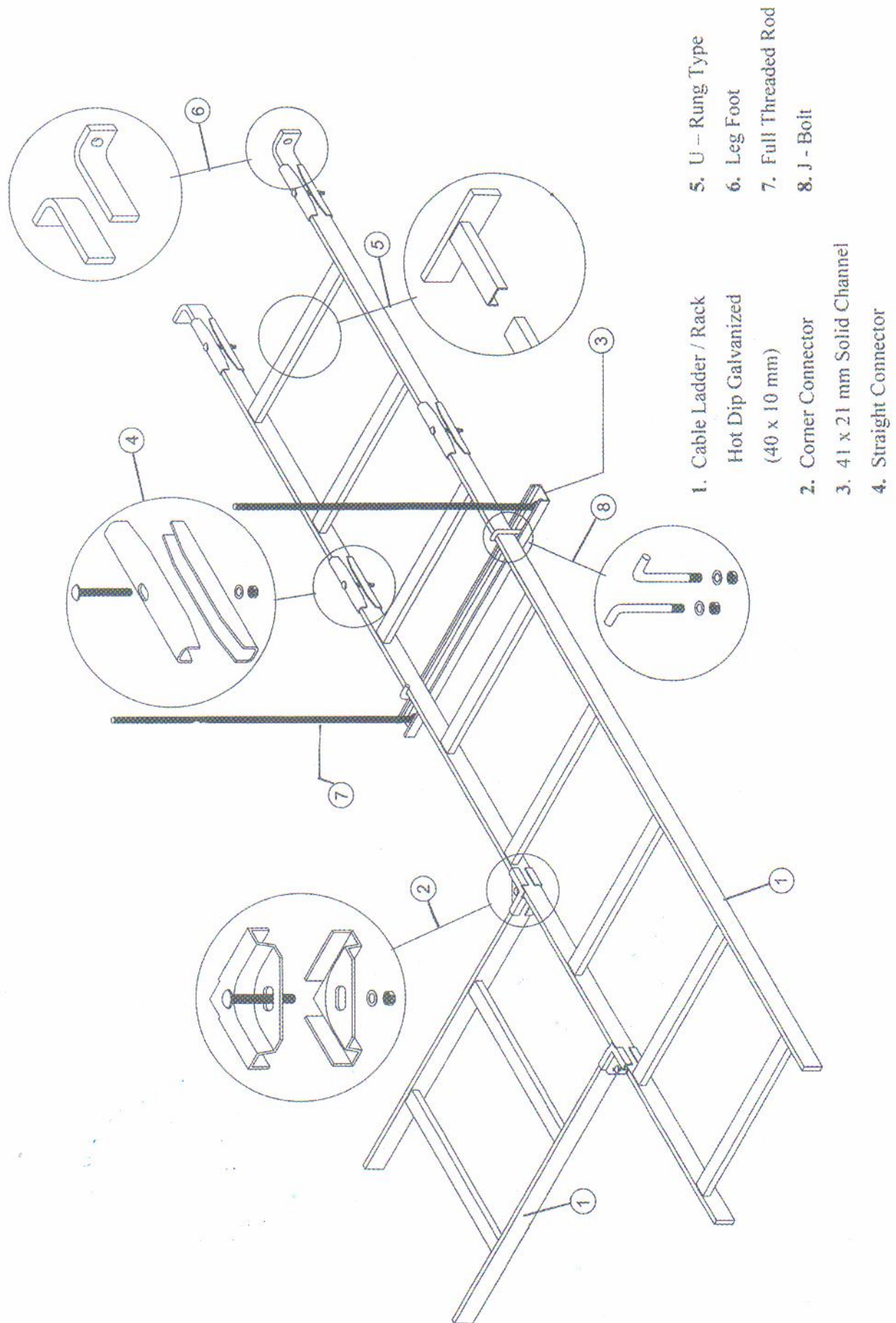
FLANGE DEFLECTION IN mm

SPAN 4 Mtr.

SIDE RAIL HEIGHT - 155 mm.

HEAVY DUTY CABLE LADDER

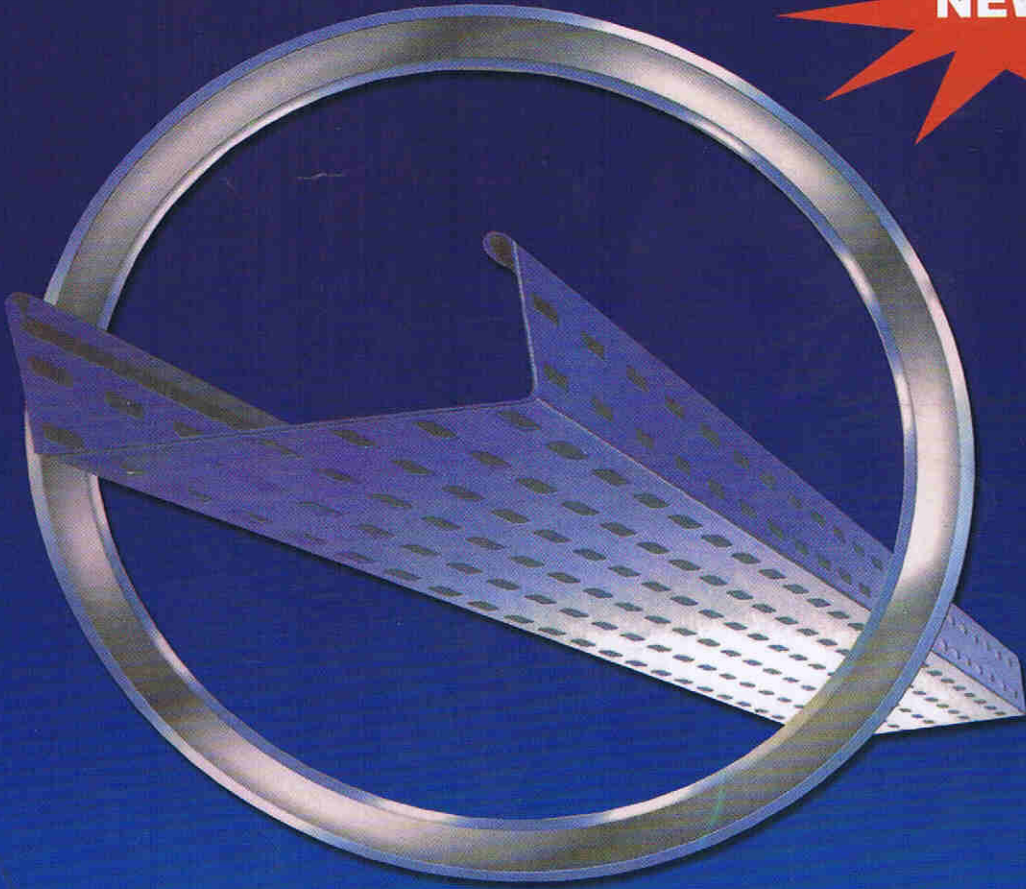
TELE COMMUNICATION CABLE RACK



مصنع نجوم الفريد

للصناعات المعدنية وصواني الكابلات
وعلب الأضواء والمفاتيح الكهربائية

NEW



ص.ب. ٣٥٥٠٣٤ الرياض ١١٣٨٣ - المملكة العربية السعودية - هاتف: ٤١٠٦٢٦٥ ١١ ٩٦٦ + فاكس: ٤٠٠٩٧٧٨ ١١ ٩٦٦ +

ترخيص صناعي ٥٠٢/ص - س ١٠١٠٢١٩٥٧٣

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