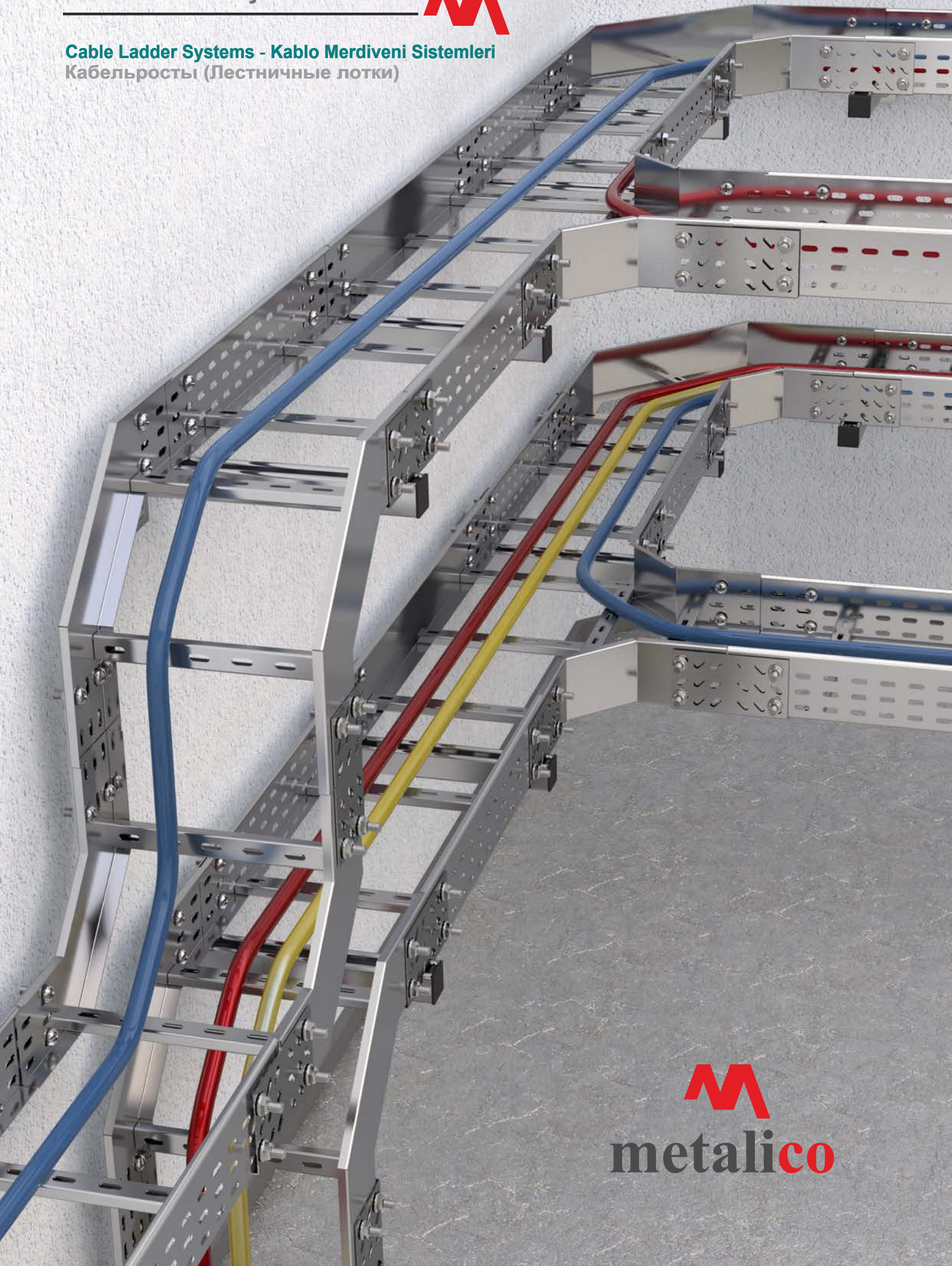


Cable Ladder Systems



Cable Ladder Systems - Kablo Merdiveni Sistemleri
Кабельросты (Лестничные лотки)



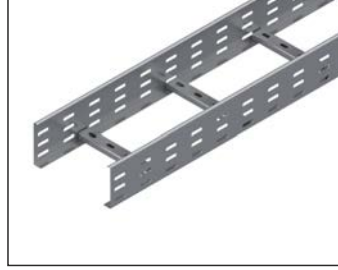

metalico

Cable Ladder Systems - Kablo Merdiveni Sistemleri

Кабельросты (Лестничные лотки)



PKM



SKM



UKM



CKM



ZKM



BKM

Accessories

Straight Connector
Ek Elemanı



KBE

Adjustable horizontal connector
Yatay seviye deęiřtirme eki



BYD

Adjustable Vertical Connector
Dikey Seviye Deęiřtirme Eki



BDD

Reducer Connector - Single Type
Redüksiyon



RT

Barrier Strip
Seperatör



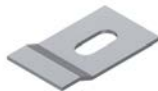
SEP

Stop End
Sonlandırma



SON

Fixing unit
Merdiveni konsola sabitleme



MT/1

90° Hor. Ladder bend
90° Yat. merdiven dönüřü



PM90

Tee Hor. Ladder bend
T merdiven dönüřü



PMT

Cross bend cover
Dörtlü merdiven dönüřü



PMD

Vertical inside 90° Ladder bend
90° Dikey iç bükey merdiven dönüřü



PMIS

Vertical outside 90° Ladder bend
90° Dikey dış bükey merdiven dönüřü



PMDS

Vertical inside 45° Ladder bend
45° Dikey iç bükey merdiven dönüřü



PMIS45

Vertical outside 45° Ladder bend
45° Dikey dış bükey merdiven dönüřü



PMDS45

Modular Riser
Modüler iniř-çıkıř



PMMB

Cable Ladder Systems of Side Height H50



Cable Ladder

Kablo Merdiveni - Кабельросты (Лестничные лотки)



Important!
Joining cable tray sections together only through the use of couplers 2 pcs for 1 Length
To install cable tray - straight use Screw Sets CFS M6 or CFS M8

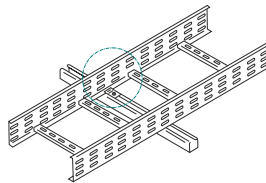
Pre - Galvanised

PKM ...	H50...	1.2mm		
CODE	Width W mm	Length L mm	kg 1m	pcs
PKM 510 12 PG	100	3000	1.38	2
PKM 515 12 PG	150	3000	1.47	2
PKM 520 12 PG	200	3000	1.56	2
PKM 525 12 PG	250	3000	1.65	2
PKM 530 12 PG	300	3000	1.73	2
PKM 540 12 PG	400	3000	1.91	2
PKM 545 12 PG	450	3000	2.00	2
PKM 550 12 PG	500	3000	2.08	2
PKM 560 12 PG	600	3000	2.26	2

PKM ...	H50...	1.5mm		
CODE	Width W mm	Length L mm	kg 1m	pcs
PKM 510 15 PG	100	3000	1.73	2
PKM 515 15 PG	150	3000	1.84	2
PKM 520 15 PG	200	3000	1.95	2
PKM 525 15 PG	250	3000	2.06	2
PKM 530 15 PG	300	3000	2.17	2
PKM 540 15 PG	400	3000	2.39	2
PKM 545 15 PG	450	3000	2.50	2
PKM 550 15 PG	500	3000	2.61	2
PKM 560 15 PG	600	3000	2.83	2

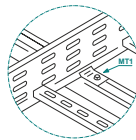
Fixing Unit for Cable Ladder

Merdiven Sabitleme Elemanı - Фиксатор кабельроста



Pre - Galvanised

MT/1...		
CODE	kg 1 pc	pcs
MT/1 PG	0.036	100



Straight Connector (Coupler)

Birleştirme Elemanı - Прямой соединитель



To install one lenght ;use 2 pieces of KBE connector 8 sets of CFS bolts and nuts. (M6 or M8)

Pre - Galvanised

KBE 2 ... H50	1.2mm		
CODE	Length L mm	kg 1pc	pcs
KBE 250 12 PG	175	0.09	100

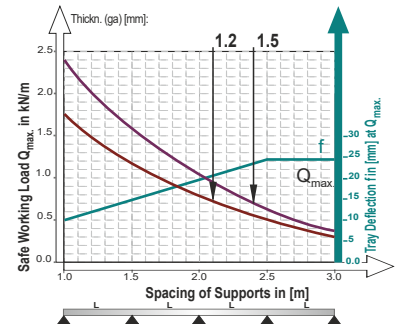
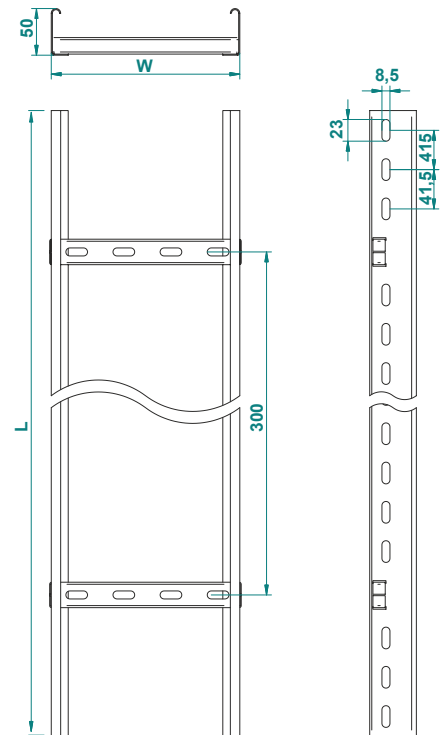
KBE 2 ... H50	1.5mm		
CODE	Length L mm	kg 1pc	pcs
KBE 250 15 PG	175	0.11	100

Electro - Galvanised

CFS M6	M6		
CODE	Size mm	Length L mm	kg 1Set
CFS M6 EG	M6	15	0.008

CFS M8	M8		
CODE	Size mm	Length L mm	kg 1Set
CFS M8 EG	M8	15	0.014

PKM H50

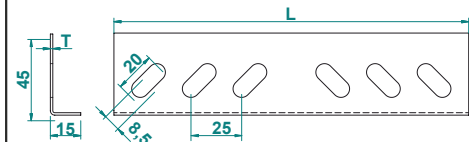


This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span =0,8x the span

Q = max. admissible load (kg/m)
L = support distance (m)
f = Deflection (mm) / Max. deflection = L/100
Safety co-efficient = 1.5

Width	Usable Cross-Section
50	23 cm ²
100	48 cm ²
150	73 cm ²
200	98 cm ²
300	148 cm ²
400	198 cm ²
500	248 cm ²
600	298 cm ²

KBE 2 H50



M6x15 Round head squire neck bolt & M6 Flanged nut

APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
SS- stainless steel AISI 304L and AISI 316L (SS)
EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: 1.2 1.5

90° Horizontal Bend of Cable Ladder

90° Merdiven Yatay Dönüş Elemanı - Угол кабельроста горизонтальный 90°



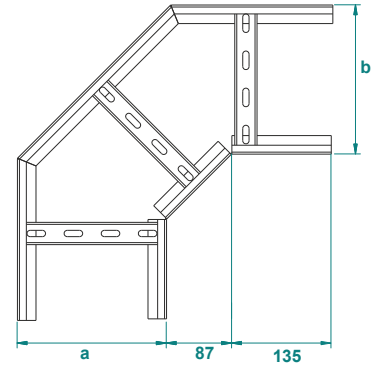
Important!
To instal cable tray - bend use Screw Sets CFS M6
or CFS M8

Pre - Galvanised

PM90 ...	H50...	1.2mm		
CODE	Width W a=b	kg 1 pc	pcs	
PM90 510 12 PG	100	0.74	1	
PM90 515 12 PG	150	0.89	1	
PM90 520 12 PG	200	1.03	1	
PM90 525 12 PG	250	1.18	1	
PM90 530 12 PG	300	1.32	1	
PM90 540 12 PG	400	1.62	1	
PM90 545 12 PG	450	1.76	1	
PM90 550 12 PG	500	1.91	1	
PM90 560 12 PG	600	2.21	1	

PM90 ...	H50...	1.5mm		
CODE	Width W a=b	kg 1 pc	pcs	
PM90 510 15 PG	100	0.93	1	
PM90 515 15 PG	150	1.10	1	
PM90 520 15 PG	200	1.29	1	
PM90 525 15 PG	250	1.47	1	
PM90 530 15 PG	300	1.66	1	
PM90 540 15 PG	400	2.02	1	
PM90 545 15 PG	450	2.20	1	
PM90 550 15 PG	500	2.39	1	
PM90 560 15 PG	600	2.75	1	

PM90 H50



45° Horizontal Bend of Cable Ladder

45° Merdiven Yatay Dönüş Elemanı - Угол кабельроста горизонтальный 45°



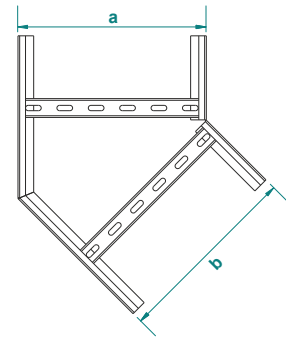
Important!
To instal cable tray - bend use Screw Sets CFS M6
or CFS M8

Pre - Galvanised

PM45 ...	H50...	1.2mm		
CODE	Width W a=b	kg 1 pc	pcs	
PM45 510 12 PG	100	0.66	1	
PM45 515 12 PG	150	0.74	1	
PM45 520 12 PG	200	0.83	1	
PM45 525 12 PG	250	0.91	1	
PM45 530 12 PG	300	1.00	1	
PM45 540 12 PG	400	1.17	1	
PM45 545 12 PG	450	1.26	1	
PM45 550 12 PG	500	1.34	1	
PM45 560 12 PG	600	1.52	1	

PM45 ...	H50...	1.5mm		
CODE	Width W a=b	kg 1 pc	pcs	
PM45 510 15 PG	100	0.82	1	
PM45 515 15 PG	150	0.93	1	
PM45 520 15 PG	200	1.03	1	
PM45 525 15 PG	250	1.15	1	
PM45 530 15 PG	300	1.25	1	
PM45 540 15 PG	400	1.46	1	
PM45 545 15 PG	450	1.58	1	
PM45 550 15 PG	500	1.68	1	
PM45 560 15 PG	600	1.90	1	

PM45 H50



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method
to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
SS- stainless steel AISI 304L and AISI 316L (SS)
EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: 1.2 1.5

Tee Horizontal Bend of Cable Ladder

"T" Merdiven Yatay Dönüş Elemanı - T-отвод кабельроста горизонтальный



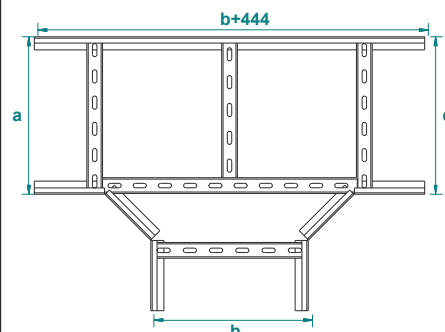
Important!
To instal cable tray - bend use Screw Sets CFS M6
or CFS M8

Pre - Galvanised

PMT ...	H50...	1.2mm	
CODE	Width W a=b=c	kg 1 pc	pcs
PMT 510 12 PG	100	0.94	1
PMT 515 12 PG	150	1.07	1
PMT 520 12 PG	200	1.20	1
PMT 525 12 PG	250	1.56	1
PMT 530 12 PG	300	1.72	1
PMT 540 12 PG	400	2.31	1
PMT 545 12 PG	450	2.51	1
PMT 550 12 PG	500	2.71	1
PMT 560 12 PG	600	3.09	1

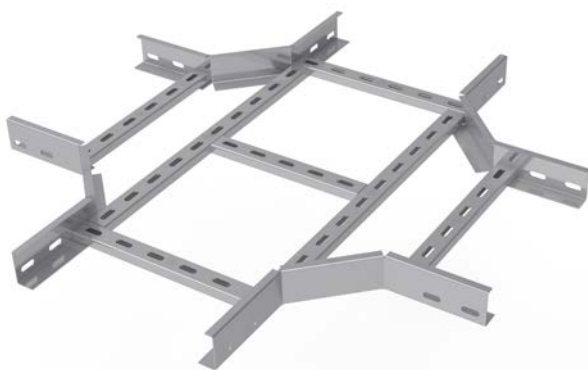
PMT ...	H50...	1.5mm	
CODE	Width W a=b=c	kg 1 pc	pcs
PMT 510 15 PG	100	1.13	1
PMT 515 15 PG	150	1.26	1
PMT 520 15 PG	200	1.40	1
PMT 525 15 PG	250	1.77	1
PMT 530 15 PG	300	1.94	1
PMT 540 15 PG	400	2.54	1
PMT 545 15 PG	450	2.75	1
PMT 550 15 PG	500	2.95	1
PMT 560 15 PG	600	3.36	1

PMT H50



Cross Bend of Cable Ladder

Dörtlü Merdiven Dönüş Elemanı - Крестовина кабельроста



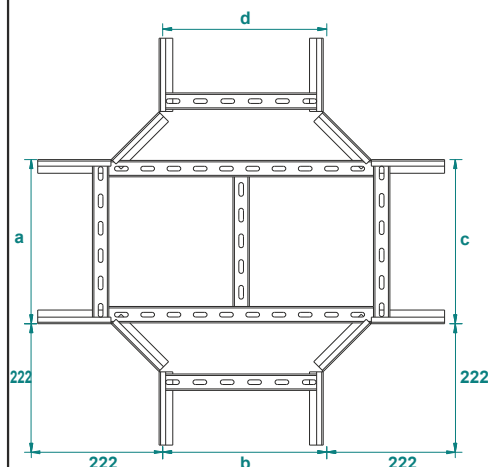
Important!
To instal cable tray - bend use Screw Sets CFS M6
OR CFS M8

Pre - Galvanised

PMD...	H50...	1.2mm	
CODE	Width W a=b=c=d	kg 1 pc	pcs
PMD 510 12 PG	100	1.16	1
PMD 515 12 PG	150	1.29	1
PMD 520 12 PG	200	1.42	1
PMD 525 12 PG	250	1.79	1
PMD 530 12 PG	300	1.95	1
PMD 540 12 PG	400	2.28	1
PMD 545 12 PG	450	2.81	1
PMD 550 12 PG	500	3.00	1
PMD 560 12 PG	600	3.40	1

PMD ...	H50...	1.5mm	
CODE	Width W a=b=c=d	kg 1 pc	pcs
PMD 510 15 PG	100	1.38	1
PMD 515 15 PG	150	1.51	1
PMD 520 15 PG	200	1.64	1
PMD 525 15 PG	250	2.00	1
PMD 530 15 PG	300	2.17	1
PMD 540 15 PG	400	2.50	1
PMD 545 15 PG	450	3.02	1
PMD 550 15 PG	500	3.22	1
PMD 560 15 PG	600	3.62	1

PMD H50



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method
to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
SS- stainless steel AISI 304L and AISI 316L (SS)
EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: 1.2 1.5

Vertical 90° Outside Bend of Cable Ladder (Stable)

90° Dikey Merdiven Dış Bükey Elemanı - (Sabit) - Арка фиксированная кабельроста, внешняя 90°



Important!
To instal vertical bend - use 2 pieces of KBE connectors and 4 sets of CFS bolts and nuts (M6 or M8)

Pre - Galvanised

PMDS ...	H50...	1.2mm	
CODE	Width W a mm	kg 1 pc	pcs
PMDS 510 12 PG	100	0.88	1
PMDS 515 12 PG	150	1.96	1
PMDS 520 12 PG	200	1.04	1
PMDS 525 12 PG	250	1.12	1
PMDS 530 12 PG	300	1.19	1
PMDS 540 12 PG	400	1.54	1
PMDS 545 12 PG	450	1.62	1
PMDS 550 12 PG	500	1.70	1
PMDS 560 12 PG	600	1.85	1

PMDS ...	H50...	1.5mm	
CODE	Width W a mm	kg 1 pc	pcs
PMDS 510 15 PG	100	1.10	1
PMDS 515 15 PG	150	1.20	1
PMDS 520 15 PG	200	1.30	1
PMDS 525 15 PG	250	1.40	1
PMDS 530 15 PG	300	1.50	1
PMDS 540 15 PG	400	1.92	1
PMDS 545 15 PG	450	2.02	1
PMDS 550 15 PG	500	2.12	1
PMDS 560 15 PG	600	2.31	1

Vertical 90° Inside Bend of Cable Ladder (Stable)

90° Dikey Merdiven İç Bükey Elemanı - (Sabit) - Арка фиксированная кабельроста, внутренняя 90°



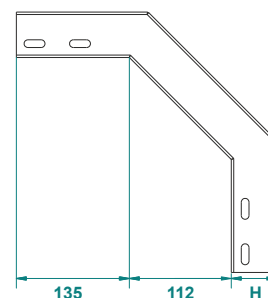
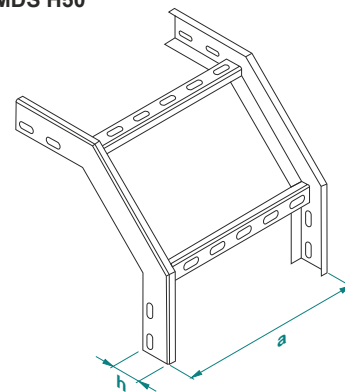
Important!
To instal cable tray - bend use Screw Sets CFS M6 or CFS M8

Pre - Galvanised

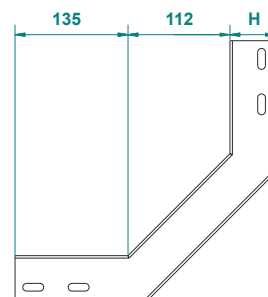
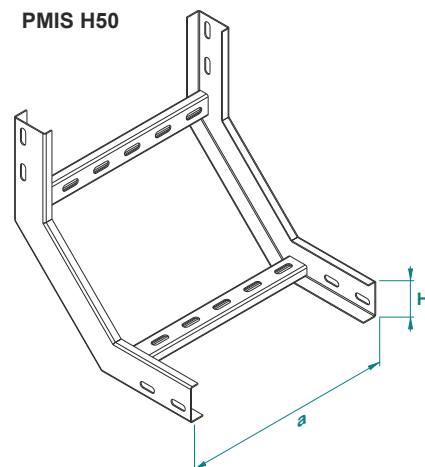
PMIS...	H50...	1.2mm	
CODE	Width W a mm	kg 1 pc	pcs
PMIS 510 12 PG	100	0.88	1
PMIS 515 12 PG	150	0.96	1
PMIS 520 12 PG	200	1.04	1
PMIS 525 12 PG	250	1.12	1
PMIS 530 12 PG	300	1.19	1
PMIS 540 12 PG	400	1.54	1
PMIS 545 12 PG	450	1.62	1
PMIS 550 12 PG	500	1.70	1
PMIS 560 12 PG	600	1.85	1

PMIS ...	H50...	1.5mm	
CODE	Width W a=b	kg 1 pc	pcs
PMIS 510 15 PG	100	1.10	1
PMIS 515 15 PG	150	1.20	1
PMIS 520 15 PG	200	1.30	1
PMIS 525 15 PG	250	1.40	1
PMIS 530 15 PG	300	1.50	1
PMIS 540 15 PG	400	1.92	1
PMIS 545 15 PG	450	2.02	1
PMIS 550 15 PG	500	2.12	1
PMIS 560 15 PG	600	2.31	1

PMDS H50



PMIS H50



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)
SS- stainless steel AISI 304L and AISI 316L (SS)
EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: 1.2 | 1.5

Modular Adjustable Cable Ladder Riser

Modüler Merdiven İniş-Çıkış Elemanı - Шарнирный элемент дуги кабельроста



Important!

To install cable tray - bend use Screw Sets CFS M6 or CFS M8

Pre - Galvanised

PMMB ...	H50...	1.2mm		
CODE	Width W a mm	kg 1 pc	pcs	
PMMB 510 12 PG	100	0.41	1	
PMMB 515 12 PG	150	0.44	1	
PMMB 520 12 PG	200	0.47	1	
PMMB 525 12 PG	250	0.49	1	
PMMB 530 12 PG	300	0.52	1	
PMMB 540 12 PG	400	0.57	1	
PMMB 545 12 PG	450	0.60	1	
PMMB 550 12 PG	500	0.62	1	
PMMB 560 12 PG	600	0.68	1	

PMMB ...	H50...	1.5mm		
CODE	Width W a mm	kg 1 pc	pcs	
PMMB 510 15 PG	100	0.52	1	
PMMB 515 15 PG	150	0.55	1	
PMMB 520 15 PG	200	0.59	1	
PMMB 525 15 PG	250	0.62	1	
PMMB 530 15 PG	300	0.65	1	
PMMB 540 15 PG	400	0.72	1	
PMMB 545 15 PG	450	0.75	1	
PMMB 550 15 PG	500	0.79	1	
PMMB 560 15 PG	600	0.85	1	

Seperator

Seperator - Перегородка



To Install Seperator use CFS bolts and nuts. (M6 or M8)

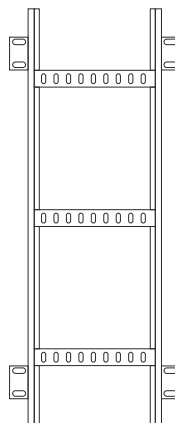
Pre - Galvanised

SEP 1 ... H35	1.0mm		
CODE	Length L mm	kg 1m	pcs
SEP 135 10 PG	3000	0.40	1

SEP 1 ... H35	1.5mm		
CODE	Length L mm	kg 1m	pcs
SEP 135 15 PG	3000	0.59	1

Wall Fixing Bracket

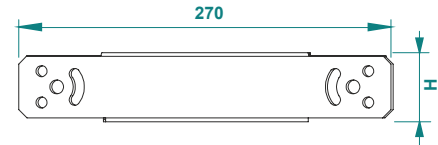
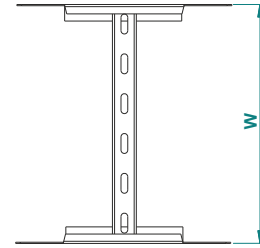
Duvara Tespit Elemanı - Стеновое крепление лотка



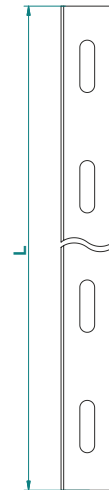
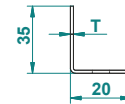
Pre - Galvanised

DKE				
CODE	Height H mm	Length L mm	kg 1 pc	pcs
DKE 90 PG	90	70	0.14	1

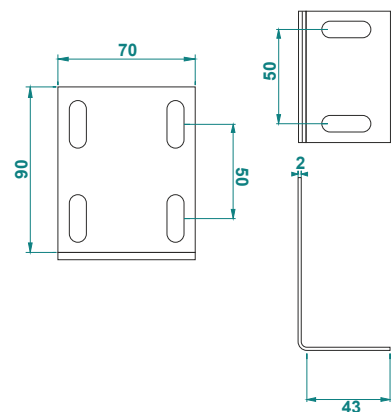
PMMB H50



SEP 1 H35



DKE 90



APPLICATIONS

Cable routing

MATERIAL

Steel, strip-galv. acc. to the Sendzimir method to TS-EN 10346:2011 (PG)

Available finishes:

HDG-steel, hot-dip galv. to TS-EN ISO 1461:2011 (HDG)

SS- stainless steel AISI 304L and AISI 316L (SS)

EP- powder coating in a full range of colours (RAL)

Thickn. (ga) [mm]: **1.2 / 1.5**