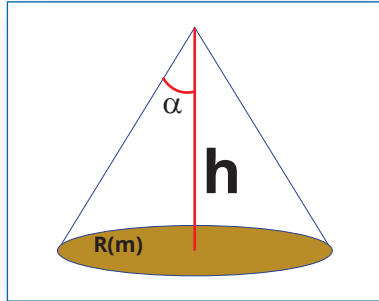




ISOLATED AND NON-ISOLATED
PROTECTION FROM LIGHTNING
FOR POLES AND LONG CATCH RODS

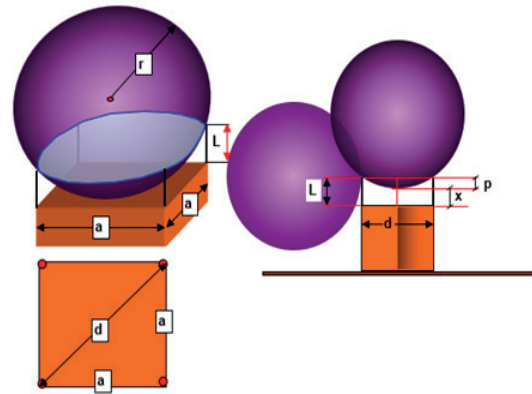
AIR TERMINATION SYSTEMS

AIR TERMINATION RODS



Sag of the rolling sphere "p" depending on the distance between two air rods and the

d(m)	P			
	YKS 1	YKS 2	YKS 3	YKS 4
	LPS 1	LPS 2	LPS 3	LPS 4
1	0,01	0,00	0,00	0,00
2	0,03	0,02	0,01	0,01
3	0,06	0,04	0,03	0,02
4	0,10	0,07	0,04	0,03
5	0,16	0,10	0,07	0,05
6	0,23	0,15	0,10	0,08
7	0,31	0,20	0,14	0,10
8	0,40	0,27	0,18	0,13
9	0,51	0,34	0,23	0,17
10	0,64	0,42	0,28	0,21
11	0,77	0,51	0,34	0,25
12	0,92	0,61	0,40	0,30
13	1,09	0,71	0,47	0,35
14	1,27	0,83	0,55	0,41
15	1,46	0,95	0,63	0,47
16	1,67	1,09	0,72	0,54
17	1,90	1,23	0,81	0,61
18	2,14	1,38	0,91	0,68
19	2,40	1,54	1,01	0,76
20	2,68	1,72	1,13	0,84
25	4,39	2,73	1,77	1,32
30	6,77	4,02	2,57	1,91
35	10,32	5,63	3,54	2,61
40	20,00	7,64	4,69	3,43
45		10,16	6,03	4,38
50		13,42	7,58	5,46
55		18,01	9,38	6,67
60		30,00	11,60	8,04



Rod protection according to the

Height of Rod	YKS 1		YKS 2		YKS 3		YKS 4	
	LPS 1		LPS 2		LPS 3		LPS 4	
h(m)	α	R(m)	α	R(m)	α	R(m)	α	R(m)
0,5	70	1,38	74	1,74	77	2,16	79	2,57
1	71	2,90	74	3,49	77	4,33	79	5,14
1,5	71	4,35	74	5,23	77	6,5	79	7,72
2	71	5,81	74	6,97	77	8,66	79	10,29
3	66	6,74	71	8,71	74	10,46	76	12,03
4	62	7,52	68	9,90	72	12,31	74	13,95
5	59	8,32	65	10,72	70	13,74	72	15,39
6	56	8,90	62	11,28	68	14,85	71	17,43
7	53	9,29	60	12,12	66	15,72	69	18,24
8	50	9,53	58	12,80	64	16,40	68	19,80
9	48	10,00	56	13,34	62	16,93	66	20,21
10	45	10,00	54	13,76	61	18,04	65	21,45
11	43	10,26	52	14,08	59	18,31	64	22,55
12	40	10,07	50	14,30	58	19,20	62	22,57
13	38	10,16	49	14,95	57	20,02	61	23,45
14	36	10,17	47	15,01	55	19,99	60	24,25
15	34	10,12	45	15,00	54	20,65	59	24,96
16	32	10,00	44	15,45	53	21,23	58	25,61
17	30	9,81	42	15,31	51	20,99	57	26,18
18	27	9,17	40	15,10	50	21,45	56	26,69
19	25	8,86	39	15,39	49	21,86	55	27,13
20	23	8,49	37	15,07	48	22,21	54	27,53

Example - Air Rod Height Selection

For $d=18$ m, $p=2.14$ is found from the table (where d is the diagonal distance between the two poles).

Lightning Protection Level (LPL) is 1. According to this information:

L : mast length, p : Sag of the rolling sphere (from the table), h_x : height of the structure / object to be protected is 4 m :

$L=2.14+1+4$, $L=7.14$ m. is calculated.

Air Rod height or mast length is chosen as 7.5 or 8 m.

POLES AND FITTINGS FOR ACTIVE LIGHTNING RODS UP TO 6 M

Lightning Arrester (ESE) Mast



Code	Material / Coating	Dia. (inch)	Lenght (m)
CD.101.04	D1 - D2 - N	60-76-89	4
CD.101.05	D1 - D2 - N		5
CD.101.06	D1 - D2 - N		6

EXAMPLE: CD.101.05.76.D2 LENGTH: 5m. DIAMETER: 76 mm, HOT GALVANIZED POLE

Mast Joint



Code	Material / Coating	Dia. (inch)	Lenght
BEA.101.05	D2 - N	2"	6000 mm
BEA.101.06	D2 - N	2"½	6000 mm
BEA.101.07	D2 - N	3"	6000 mm

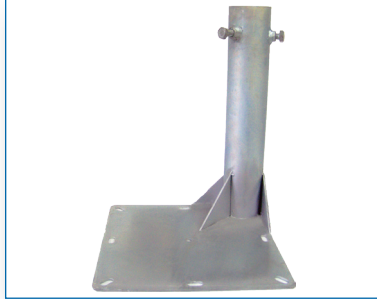
Mast Holder For Flat Surfaces



Code	Material / Coating	Pipe Dia. (inch)
CDT.201.05	D1-D2-N	2"
CDT.201.06	D1-D2-N	2"½
CDT.201.07	D1-D2-N	3"

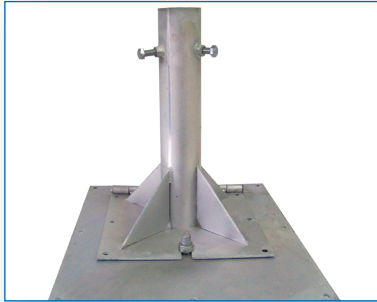
POLES AND FITTINGS FOR ACTIVE LIGHTNING RODS UP TO 6 M

Mast Holder For Flat Surfaces, Corner Type



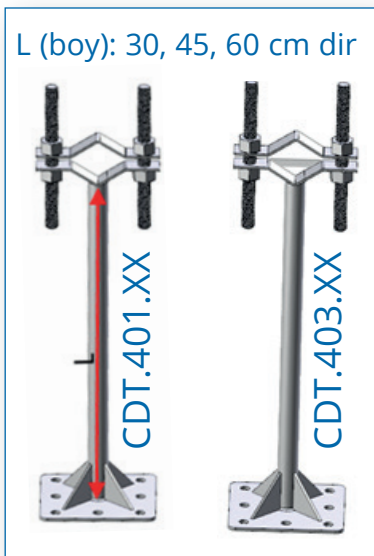
Code	Material / Coating	Pipe Dia. (inch)
CDT.301.05	D1-D2-N	2"
CDT.301.06	D1-D2-N	2"½
CDT.301.07	D1-D2-N	3"

Mast Holder, Rotatable

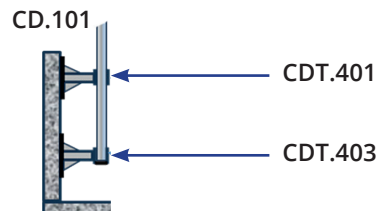


Code	Material / Coating	Pipe Dia. (inch)
CDT.402.05	D1-D2-N	2"
CDT.402.06	D1-D2-N	2"½
CDT.402.07	D1-D2-N	3"

Mast Holder For Walls



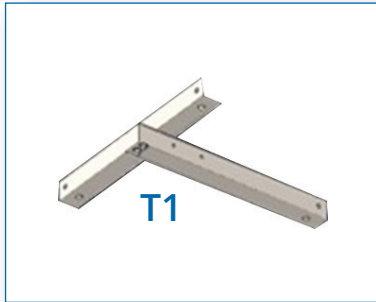
Code	Material / Coating	Pipe Dia. (inch)
CDT.401.05	D1-D2-N	2"
CDT.401.06	D1-D2-N	2"½
CDT.401.07	D1-D2-N	3"
CDT.401.05	D1-D2-N	2"
CDT.401.06	D1-D2-N	2"½
CDT.401.07	D1-D2-N	3"



Please add one the numbers 30,45,60 to the end of the code for length selection

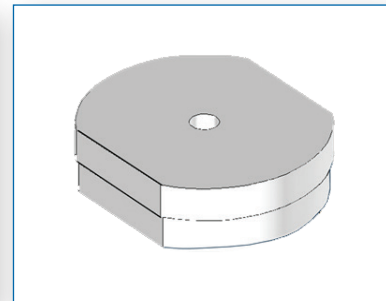
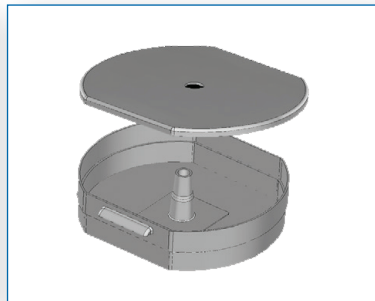
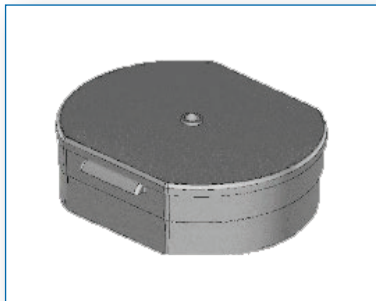
TRIPOD SELF SUPPORTING MAST FOR AIR TERMINALS

Tripod Pole Chassis



Type	Size (cm)	Material	Rod Base Area		Weight (kg)
"R"	Ø 34	Concrete	Ø 34	34x34	20
"T1"	40x40	Al. "L" Profile, 40x40x4 mm	Ø 80	71x71	0,7
"T2"	80x70	Al. "L" Profile, 40x40x4 mm	Ø 125	111x99	1,3
"H"	100x100	Al. "L" Profile, 60x60x6 mm	Ø 170	130x130	5,8

Concrete Weight and Plastic Container



Code	Description	Weight (kg)	Size (cm)
FTK.500	Plastic Lidded Vessel	1	
FT.500.01	Concrete Weight	20	34x30x10
FTC.500	Plastic Coated Concrete	21	34x30x10

CONCRETE WEIGHT CONTAINER (BAK): BAK is a UV-doped, high-strength protective container.

ADVANTAGES

- As a result of freezing of concrete in winter, it becomes protective against the disintegration of water in its structure by freezing.
- Provides protection of concrete against atmospheric effects.
- It provides a more aesthetically tidy image.
- It is easily transported thanks to the handles with the weight inside.
- It is very economical to transport to the workplace because it is light without concrete, with a weight of 1 kg. If desired only as a container, it also provides an advantage in terms of volume in transportation because it can be intertwined.
- It can be used by placing it in concrete or aggregate.
- It is also ideal as a mold for producing concrete weight.

RC Type Air Rod



Concrete with plastic protection

Concrete

Code	L (cm)	Dia (mm)	FT.500 Ea
RC.100	100	16/10 SERIES	1
RC.150	150		1
RC.200	200		1
RC.250	250		1
RC.300	300		2
RC.350	350		2
RC.400	400		3

These rods are attached directly to a circular concrete base.

These rods can be used in wind free zone up to 2 m height. It can also be used in windy areas with support for 2 m and higher.

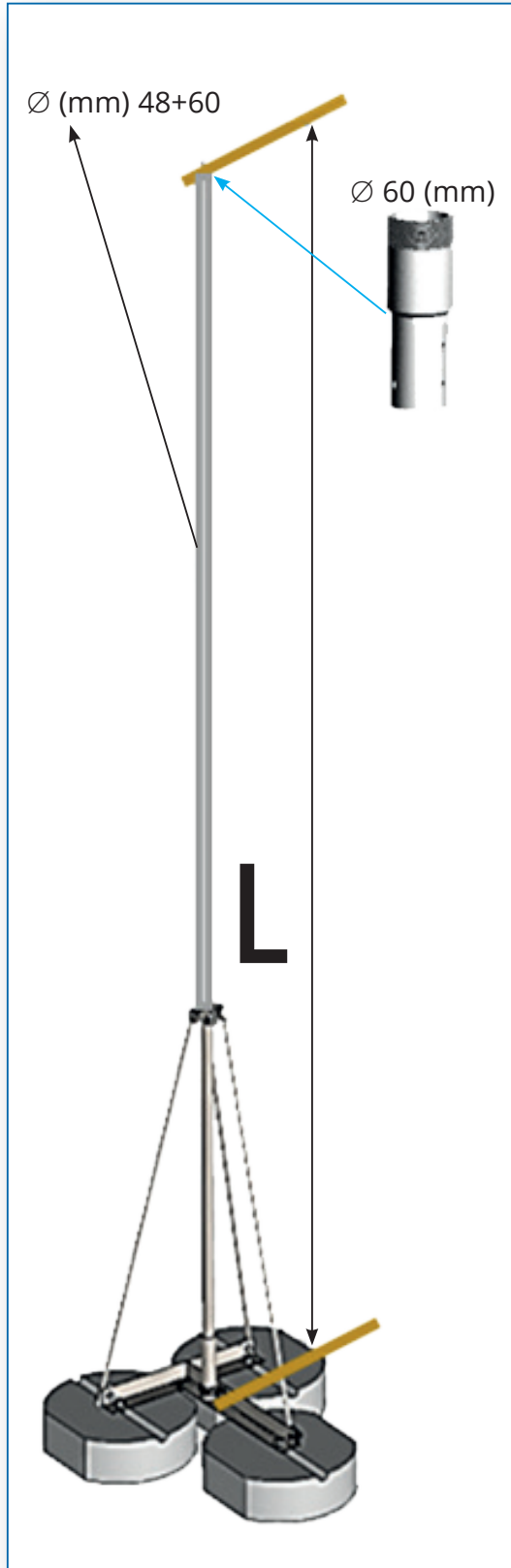
Air Rod Support



Code	Tripod Length (mm)	Air Rod Length (mm)	Suitable Produc
YUP.101	450	800 - 1000	FC-100-
YUP.102	600	1000 +- 1500	FC-1610-
YUP.103	1100	1500 +- 2000	FC.400
YUP.104	1600	2000 +- 3000	SERIES
YUP.301	200	3000 +- 4000	RC SERIE

TRIPOD SELF SUPPORTING MAST FOR E.S.E.

SSM.T1 Air Rods

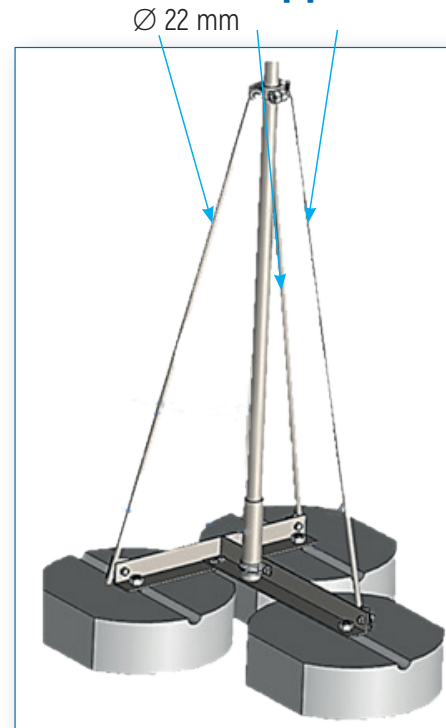


T1 Type Tripod Mast

Code	L (m)	Definition, Material		FT.500 Ea
SSM.T1.30.A	3,00	$\varnothing$ (mm) 48+60	Galvanized Steel Pipe	3
SSM.T1.35.A	3,50		+ Al	3
SSM.T1.40.A	4,00		ZnSt	3
SSM.T1.45.A	4,50		Mast+Al	3
SSM.T1.50.A	5,00			3

Length up to 5 m

Mast Support



Mast Length (m)	Mast Support (m)
0-4	1
4-6	1,5
6-8	2
8-10	2,5

TRIPOD SELF SUPPORTING MAST FOR E.S.E.

SSM.T2 Air Rods



T2 Type Tripod Mast

Code	L (m)	Definition, Material		FT.500 Ea
SSM.T2.50.A	5,00	Ø(mm) 48+60	Galvanized Steel Pipe + Al ZnSt Mast+Al	6
SSM.T2.55.A	5,50			6
SSM.T2.60.A	6,00			6
SSM.T2.65.A	6,50			6
SSM.T2.70.A	7,00			6
SSM.T2.75.A	7,50			6
SSM.T2.80.A	8,00			6

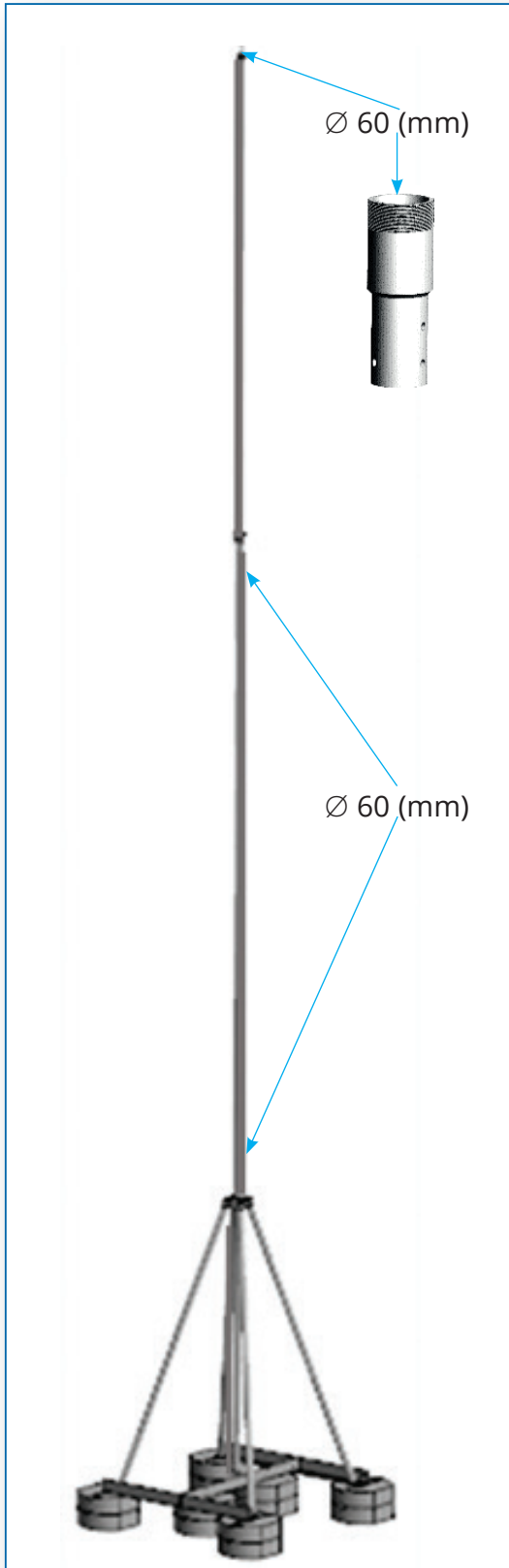
Mast Support



Mast Length (m)	Mast Support (m)
0-4	1
4-6	1,5
6-8	2
8-10	2,5

TRIPOD SELF SUPPORTING MAST FOR E.S.E.

H Type Tripod Mast

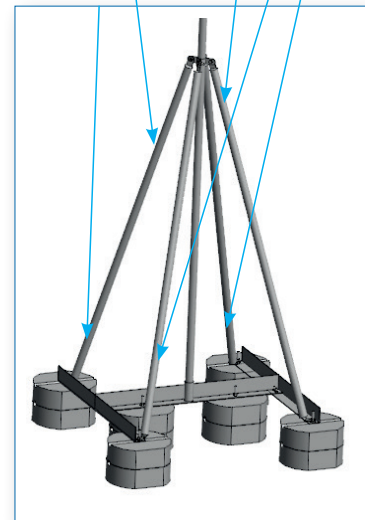


H Type Tripod Mast

Code	L (m)	Definition, Material		FT.500 Ea
SSM.H.75.A	7,50	Ø(mm) 60	Galvanized Steel Pipe	6
SSM.H.80.A	8,00		+	6
SSM.H.85.A	8,50		Al	6
SSM.H.90.A	9,00		ZnSt	12
SSM.H.95.A	9,50		Mast+Al	12
SSM.H.100.A	10,00		Stainless steel+Al	12

Mast Support

Ø 22 mm



Mast Length (m)	Mast Support (m)
0-4	1
4-6	1,5
6-8	2
8-10	2,5

FLANGED LIGHTNING MASTS FOR E.S.E (ALTERNATIVE TO POLYGON MASTS.)

HMF SERIES LIGHTNING POSTS

Flanged Mast



Code	Length	Dia.					Con. Base kg	Size cm
	m	6" P1 (cm)	4" P2 (cm)	3" P3 (cm)	2,5" P4 (cm)	2" P5 (cm)		
HMF.8.1.A	8				600+200		270	40x40x75
HMF.8.2.A					600	200		
HMF.8.3.A					200	600		
HMF.8.4.A				600		200		
HMF.8.5.A				600+200				
HMF.8.6.A						600+200		
HMF.10.1.A	10			600+400			270	40x40x75
HMF.10.2.A					600+200			
HMF.10.3.A					400	600		
HMF.10.4.A				600	200	200		
HMF.12.1.A	12				600+600		360	40x40x100
HMF.12.2.A					600	600		
HMF.12.3.A				600+600				
HMF.12.4.A				600		600		
HMF.14.1.A	14			600	600	200	550	50x50x100
HMF.14.2.A			600	600	200			
HMF.14.3.A			600		600	200		
HMF.14.4.A			200	600	600			
HMF.15.1.A	15		600	600	300		550	50x50x100
HMF.15.2.A			600	600		300		
HMF.15.3.A			300		600	600		
HMF.15.4.A				600	600	300		
HMF.15.5.A				600+600		300		
HMF.16.1.A	16		600	600	400		750	60x60x90
HMF.16.2.A			600	600		400		
HMF.16.3.A			400	600		600		
HMF.16.4.A			400		600	600		
HMF.16.5.A				600+600	400			
HMF.16.6.A				600	600	400		

FLANGED LIGHTNING MASTS FOR E.S.E (ALTERNATIVE TO POLYGON MASTS.)

HMF SERIES LIGHTNING POSTS

Mast Anchor Set



Mast anchor set is supplied with the mast

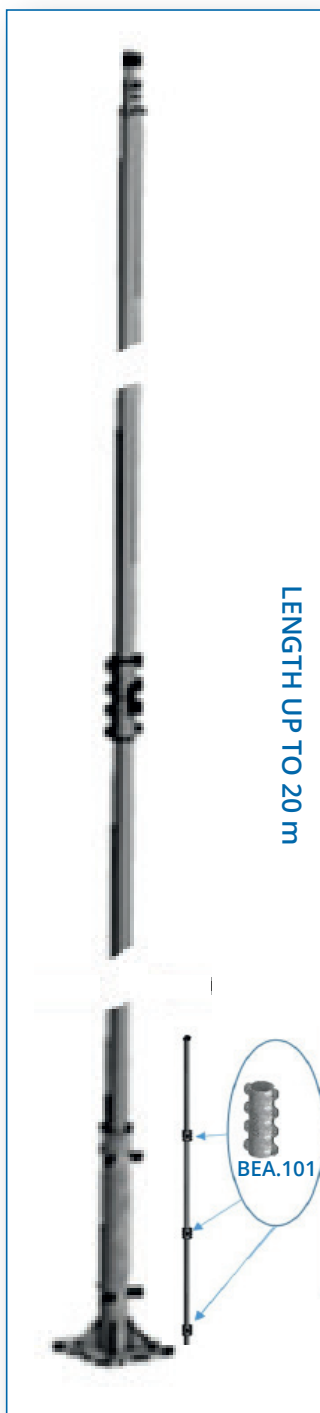
LENGTH UP TO 30 m

	Boy	Çap / Dia.					B. Temel	Boyut
Kod Code	Length	6"	4"	3"	2,5"	2"	Con. Base kg	Size cm
	m	P1 (cm)	P2 (cm)	P3 (cm)	P4 (cm)	P5 (cm)		
HMF.18.1.A	18			600+600	600		970	60x60x90
HMF.18.2.A			600	600	600			
HMF.18.3.A			600	600		600		
HMF.18.4.A		600	600	300	300			
HMF.18.5.A		600	600	600				
HMF.20.1.A	20	600	600	600	200		2680	90x90x150
HMF.20.2.A		400	600	600		400		
HMF.20.3.A		200	600		600	600		
HMF.20.4.A		600	600+600	200				
HMF.22.1.A	22	600	600	600	400			
HMF.22.2.A		400	600	600		600		
HMF.24.1.A	24	600	600	600		600		
HMF.24.2.A		600	600+600	600				
HMF.24.3.A		600	600	600	600			
HMF.24.4.A		600	600		600	600		
HMF.25.1.A	25	600+600	600	600		100		
HMF.25.2.A		600	600	600	600	100		
HMF.25.3.A		600	600+600	600		100		
HMF.25.4.A		600	600+600	600	100			
HMF.27.1.A	27	600+600	600	600	300		3300	100x100x150
HMF.27.2.A		600	600+600	600	300			
HMF.27.3.A		600	600	600	600	300		
HMF.30.1.A	30	600+600	600	600	600			
HMF.30.2.A		600	600+600	600	600			
HMF.30.3.A		600	600+600	600		600		

LIGHTNING MASTS FOR E.S.E AND AIR ROD (ALTERNATIVE TO POLYGON MASTS.)

LLM SERIES LIGHTNING POSTS

Flanged Mast



Code	Material	Mast Dia. (mm)			ΣL m	Lente Support Wire
		60	76	89		
LLM.1.06	Galvanized Steel	6(3+3)			6	
LLM.2.06			6(3+3)			
LLM.3.06				6(3+3)		
LLM.1.07		1	6		7	
LLM.2.07		1		6		
LLM.3.07		1+6				
LLM.4.07			1+6			
LLM.5.07				1+6		
LLM.1.08		2	6		8	
LLM.2.08		2		6		
LLM.3.08			2	6		
LLM.4.08		2+6				
LLM.5.08			2+6			
LLM.6.08				2+6		
LLM.1.09		3	6		9	
LLM.2.09		3		6		
LLM.3.09			3	6		
LLM.4.09		3+6				
LLM.5.09			3+6			
LLM.6.09				3+6		
LLM.1.10		4	6		10	
LLM.2.10		4		6		
LLM.3.10			4	6		
LLM.4.10		4+6				
LLM.5.10			4+6			
LLM.6.10				4+6		

Lightning rod masts combined with clamps, transportation length may be approximately 3 or 4 m

LIGHTNING MASTS FOR E.S.E AND AIR ROD (ALTERNATIVE TO POLYGON MASTS.)

LLM SERIES LIGHTNING POSTS



LENGTH UP TO 20 m

Code	Material	Mast Dia. (mm)			ΣL m	Lente Support Wire
		60	76	89		
LLM.1.12	Galvanized Steel	6	6		12	
LLM.2.12		6		6		
LLM.3.12			6	6		
LLM.4.12		6+6				
LLM.5.12			6+6			
LLM.6.12				6+6		
LLM.1.15		3	12		15	
LLM.2.15		3		12		
LLM.3.15			3	12		
LLM.4.15				6+6+3		
LLM.1.16		4	12		16	
LLM.2.16		4		12		
LLM.3.16			4	12		
LLM.4.16				6+6+4		
LLM.1.18		6	12		18	x
LLM.2.18		6		12		x
LLM.3.18			6	12		
LLM.4.18				6+6+6		
LLM.1.20		2	18		20	x
LLM.2.20		2		18		x
LLM.3.20			2	18		x
LLM.4.20				6+6+6+2		

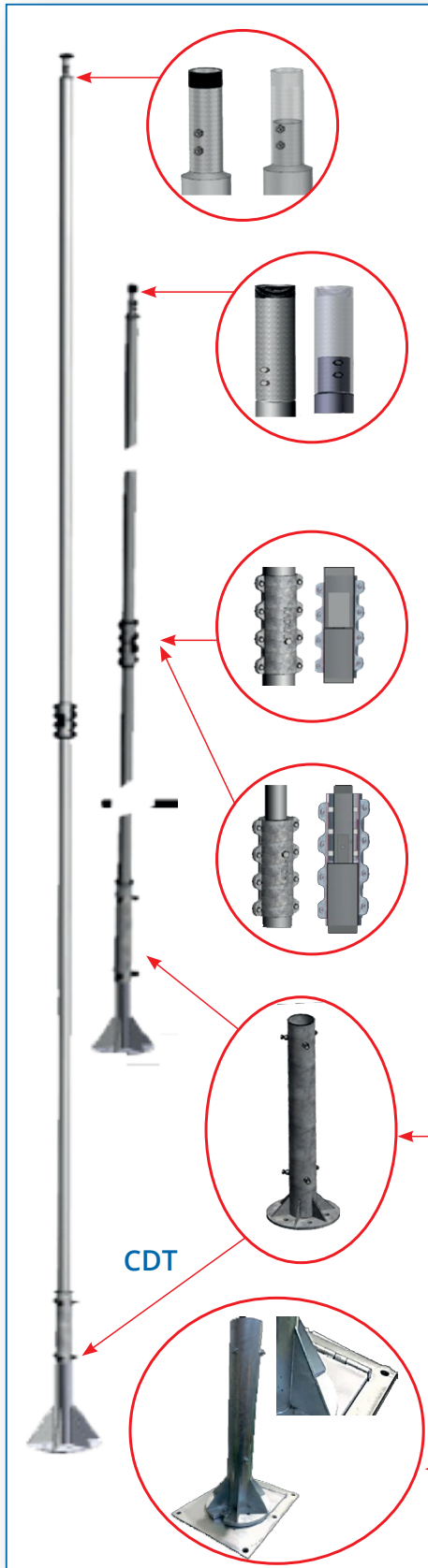
Lightning rod masts combined with clamps, transportation length may be approximately 3 or 4 m

MAST ANCHOR SET

Mast anchor set is supplied with the mast



MOUNTING PARTS OF LIGHTNING AIR TERMINAL MAST (AS AN ALTERNATIVE TO POLYGON MAST).



Mast Adapters



Code	Meterial	Mast Dia.
MA.20.15	D2-N	2"-1,5"
MA.20.20	D2-N	2"-2"
MA.25.20	D2-N	2,5"-2"
MA.25.25	D2-N	2,5"-2,5"
MA.30.20	D2-N	3"-2"
MA.30.25	D2-N	3"-2,5"
MA.30.30	D2-N	3"-3"

Mast Splicing Clamp



Code	Meterial	Mast Dia.	Bolt
BEA.101.01	D2-N	2"	NC
BEA.101.02	D2-N	2,5"	NC
BEA.101.03	D2-N	3"	NC

Mast Base

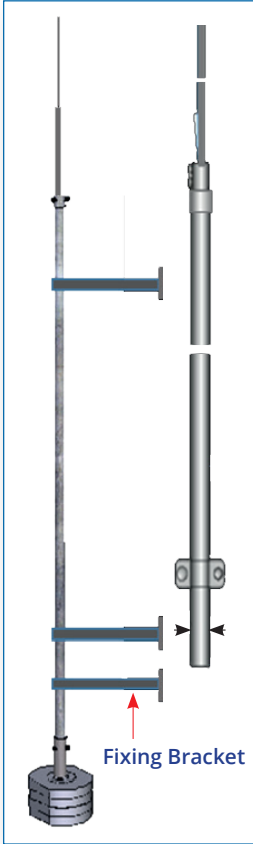
Code	Description	Meterial	Mast Dia.
CDT.20.100	2" D. TABANI/M.BASE	D2-N	2"
CDT.25.100	2,5" D. TABANI/M.BASE	D2-N	2,5"
CDT.30.100	3" D. TABANI/M.BASE	D2-N	3"

Mast Base "Hinged"

Code	Description	Meterial	Mast Dia.
CDT.20.100	2" D. TABANI/M.BASE	D2-N	2"
CDT.25.100	2,5" D. TABANI/M.BASE	D2-N	2,5"
CDT.30.100	3" D. TABANI/M.BASE	D2-N	3"

40 SERIES CATCH BARS

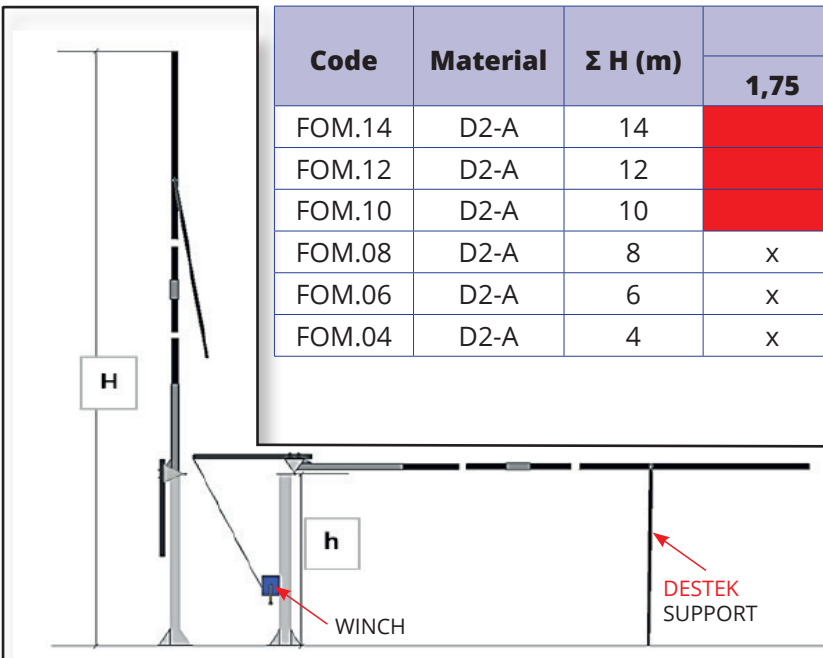
Air Termination Rod For Fixing On To, For Walls Or Other Structures



Code	Lenght (mm)	Φ40 Al Φ43 StZn	Φ16/10	Free Lenght	Clamp	A (mm)
FC40.4	4000	2000	2000	3500	2	500
FC40.5	5000	3000	2000	4000	2	1000
FC40.6	6000	4000	2000	4500	3	1500
FC40.7	7000	5000	2000	5500	3	1500
FC40.8	8000	6000	2000	5500	3	2500
FC40.9	9000	7000	2000	6000	3	3000

CDT.401 AND 403 TYPE WALL FIXING BRACKET CAN BE USED

Fold over mast



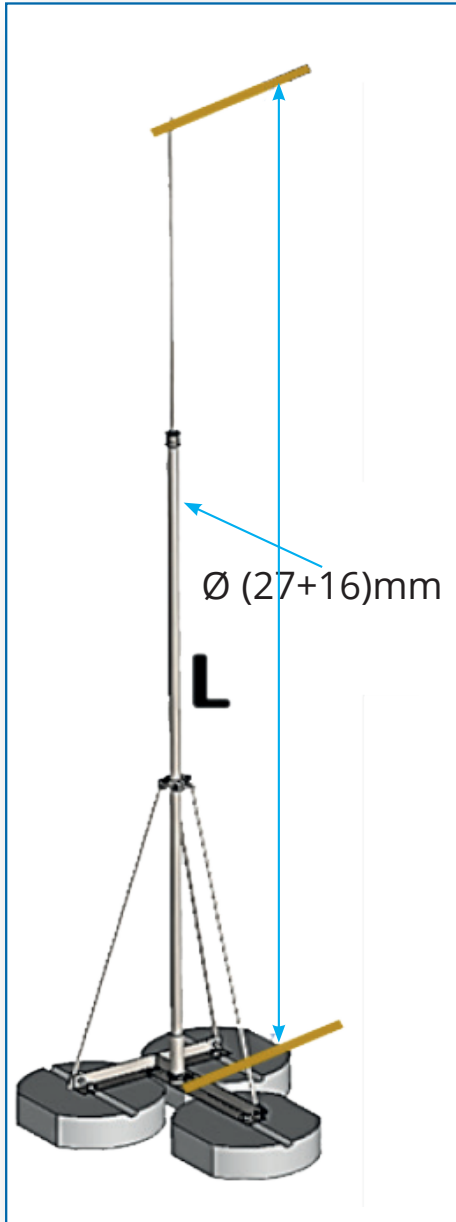
Code	Material	Σ H (m)	Folding Height (h), m				
			1,75	2	2,25	2,5	3
FOM.14	D2-A	14				x	x
FOM.12	D2-A	12			x	x	x
FOM.10	D2-A	10		x	x	x	x
FOM.08	D2-A	8	x	x	x	x	x
FOM.06	D2-A	6	x	x	x	x	x
FOM.04	D2-A	4	x	x	x	x	x

h	Code
1,75	1
2,00	2
2,25	3
2,50	4
3,00	5

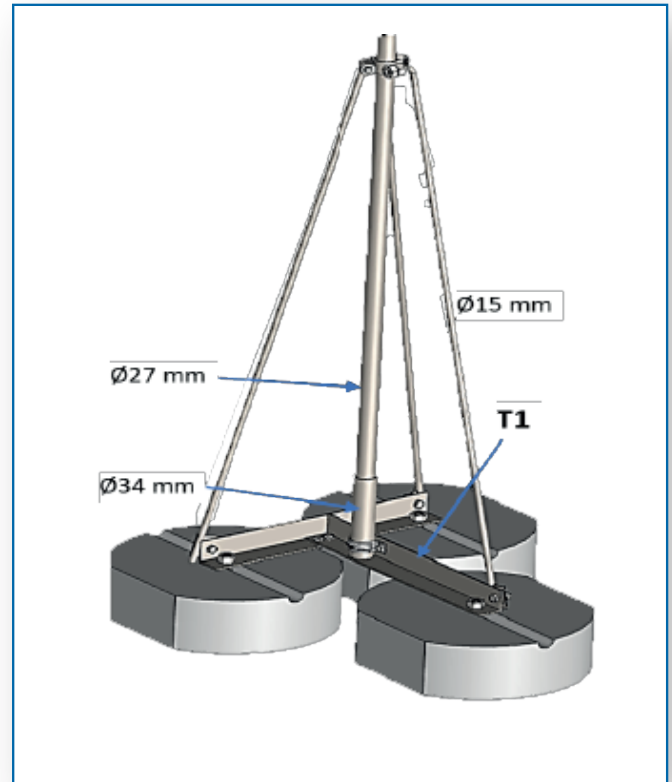
Please add the number corresponding to the "bending"

TRIPOD SELF SUPPORTING MAST FOR AIR ROD

SSM.T1 Air Rods



Code	L (m)	Definition, Material		FT.500 Ea
SSM.T1.30.R	3,00	$\varnothing$ (mm) 27+16+10	Galvanized Steel Pipe+Al ZnSt mast+Al	3
SSM.T1.35.R	3,50			3
SSM.T1.40.R	4,00			3
SSM.T1.45.R	4,50			3
SSM.T1.50.R	5,00			3
SSM.T1.55.R	5,50			3



TRIPOD SELF SUPPORTING MAST FOR AIR ROD

SSM.T2 Air Rods

Ø 16+10 SERİSİ



Kod Code	L (m)	Tanım, Malzeme Definition, Material		FT.500 Ad./Ea
SSM.T2.50.R	5,00	Ø (mm) 27+16+10	Galvanized Steel Pipe+Al ZnSt mast+Al	3
SSM.T2.55.R	5,50			3
SSM.T2.60.R	6,00			3
SSM.T2.65.R	6,50			6
SSM.T2.70.R	7,00			6
SSM.T2.75.R	7,50			6
SSM.T2.80.R	8,00			6



TRIPOD SELF SUPPORTING MAST FOR AIR ROD

H Air Rods

Ø 16+10 SERIES



Code	L (m)	Definition, Material		FT.500 Ea
SSM.H.75.R	7,50	Ø (mm) 42+16+10	Galvanized Steel Pipe+Al ZnSt mast+Al	6
SSM.H.80.R	8,00			6
SSM.H.85.R	8,50			6
SSM.H.90.R	9,00			12
SSM.H.95.R	9,50			12
SSM.H.100.R	10,00			12



FLANGED LIGHTNING MASTS FOR AIR ROD (ALTERNATIVE TO POLYGON MAST)

HMF TİPİ AIR RODS

Flanged Air-Termination Rod Masts

Ø 16+10 SERIES



Code	Size	Diameter					Con. Base kg	Size cm
	Length	6"	4"	3"	2,5"	2"		
	m	P1 (cm)	P2 (cm)	P3 (cm)	P4 (cm)	P5 (cm)		
HMF.8.1.R	8				600+200		270	40x40x75
HMF.8.2.R					600	200		
HMF.8.3.R					200	600		
HMF.8.4.R				600		200		
HMF.8.5.R				600+200				
HMF.8.6.R						600+200		
HMF.10.1.R	10			600+400			270	40x40x75
HMF.10.2.R					600+400			
HMF.10.3.R					400	600		
HMF.10.4.R				600	200	200		
HMF.12.1.R	12				600+600		360	40x40x100
HMF.12.2.R					600	600		
HMF.12.3.R				600+600				
HMF.12.4.R				600		600		
HMF.14.1.R	14			600	600	200	550	50x50x100
HMF.14.2.R			600	600	200			
HMF.14.3.R			600		600	200		
HMF.14.4.R			200	600	600			
HMF.15.1.R	15		600	600	300		550	50x50x100
HMF.15.2.R			600	600		300		
HMF.15.3.R			300		600	600		
HMF.15.4.R				600	600	300		
HMF.15.5.R				600+600				
HMF.16.1.R	16		600	600	400		750	60x60x90
HMF.16.2.R			600	600		400		
HMF.16.3.R			400	600		600		
HMF.16.4.R			400		600	600		
HMF.16.5.R				600+600	400			
HMF.16.6.R				600	600	400		

FLANGED LIGHTNING MASTS FOR AIR ROD (ALTERNATIVE TO POLYGON MAST)

HMF TİPİ AIR RODS

Flanged Air-Termination Rod Masts

Code	Size	Diameter					Con. Base kg	Size cm
	Length m	6" P1 (cm)	4" P2 (cm)	3" P3 (cm)	2,5" P4 (cm)	2" P5 (cm)		
HMF.18.1.R	18			600+600	600		970	70x70x90
HMF.18.2.R			600	600	600			
HMF.18.3.R			600	600		600		
HMF.18.4.R		600	600	300	300			
HMF.18.5.R		600	600	600				
HMF.20.1.R	20	600	600	600	200		2680	90x90x150
HMF.20.2.R		400	600	600		400		
HMF.20.3.R		200	600		600	600		
HMF.20.4.R		600	600+600	200				
HMF.22.1.R	22	600	600	600	400			
HMF.22.2.R		400	600	600		600		
HMF.24.1.R	24	600	600	600		600		
HMF.24.2.R		600	600+600	600				
HMF.24.3.R		600	600	600	600			
HMF.24.4.R		600	600		600	600		
HMF.25.1.R	25	600+600	600	600		100		
HMF.25.2.R		600	600	600	600	100		
HMF.25.3.R		600	600+600	600		100		
HMF.25.4.R		600	600+600	600	100			
HMF.27.1.R	27	600+600	600	600	300		3300	100x100x150
HMF.27.2.R		600	600+600	600	300			
HMF.27.3.R		600	600	600	600	300		
HMF.30.1.R	16	600+600	600	600	600			
HMF.30.2.R		600	600+600	600	600			
HMF.30.3.R		600	600+600	600		600		

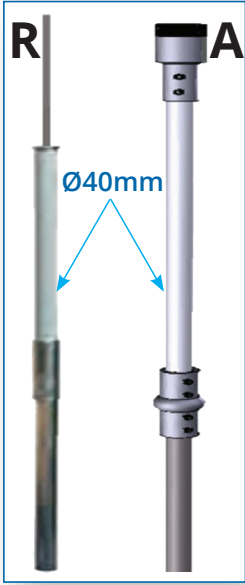


Mast Anchor Set

Code	Definition, Material	Bolt
MAS.16.6	D2-D1-N	M16
MAS.16.8	D2-D1-N	M16

INSULATED AIR TERMINATION RODS

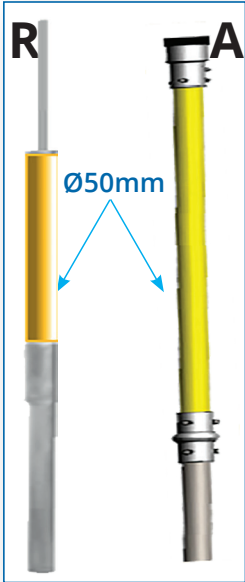
IFCP / IFCC TYPE AIR TERMINATION RODS



Çap / Dia.
Al, 40 / D2, 42 mm

Notes:
For Tesla D2 48mm

Kod	Descrp.	Dia mm	pprc (cm)	Al / D2 (cm)	Lenght cm
IFCP4A.2	pprc+Al	40	150	50	200
IFCP4A.3	pprc+Al	40	150	150	300
IFCP4A.4	pprc+Al	40	150	250	400
IFCP4A.5	pprc+Al	40	150	350	500
IFCP4A.6	pprc+Al	40	150	450	600
IFCP4A.7	pprc+Al	40	150	550	700
IFCP4D.2	pprc+D2	42	150	50	200
IFCP4D.3	pprc+D2	42	150	150	300
IFCP4D.4	pprc+D2	42	150	250	400
IFCP4D.5	pprc+D2	42	150	350	500
IFCP4D.6	pprc+D2	42	150	450	600
IFCP4D.7	pprc+D2	42	150	550	700



Çap / Dia.
Al, 50 / D2, 48 mm

Code	Descrp.	Dia mm	pprc (cm)	Al / D2 (cm)	Lenght cm
IFCC5A.2	ctp+Al	50	150	50	200
IFCC5A.3	ctp+Al	50	150	150	300
IFCC5A.4	ctp+Al	50	150	250	400
IFCC5A.5	ctp+Al	50	150	350	500
IFCC5A.6	ctp+Al	50	150	450	600
IFCC5A.7	ctp+Al	50	150	550	700
IFCC5D.2	ctp+D2	48	150	50	200
IFCC5D.3	ctp+D2	48	150	150	300
IFCC5D.4	ctp+D2	48	150	250	400
IFCC5D.5	ctp+D2	48	150	350	500
IFCC5D.6	ctp+D2	48	150	450	600
IFCC5D.7	ctp+D2	48	150	550	700

Add "R" to product code for air terminal rod
Add "A" to product code for active lightning rod head

48 and 50mm Pole Diameters are suitable for installation of LICON cable through the pole

INSULATED AIR TERMINATION RODS BASES



IFCP TYPE AIR TERMINATION RODS

R Type Base for Insulated Air Rods



Code	Description	Isolation (cm)	Toplam H (cm)
IFCR.100	Insulated Air Rods (CTP)	70	100
IFCR.150		100	150
IFCR.200	Metal Pipe Ø 27+CTP Ø 34+Al Ø 16mm	100	200
IFCR.300		100	300
IFCR.400		100	400

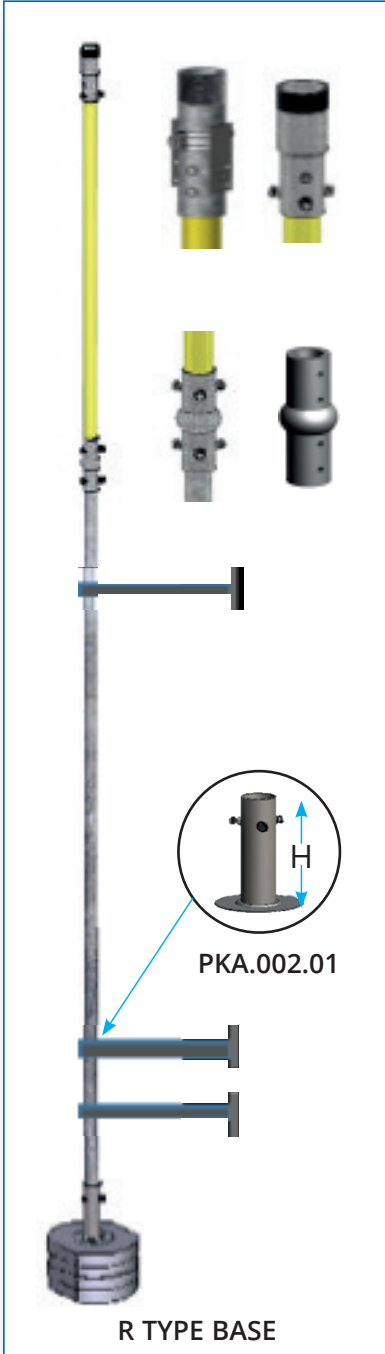
INSULATED AIR TERMINATION RODS “SELF SUPPORTING MAST” FITTINGS



Code	Description	Material
PDKK.16	2 Way Connection Clamp	A, B, N, D1, D2
TKLR.50.01		
TKLR.50.01	Cable Gripper for PDKK	B
TKLR.35.01		
TKLR.35.01		

INSULATED AIR TERMINATION RODS

IFCP / IFCC TYPE AIR TERMINATION RODS



Code	Description	H (cm)	Suitable Product
PKA.002.01	Concrete Base Adapter for Insulated Catch Tip	40	R TYPE BASE & IFCP4A., IFCP4D, IFCP4D, IFCC5A., IFCC5D.

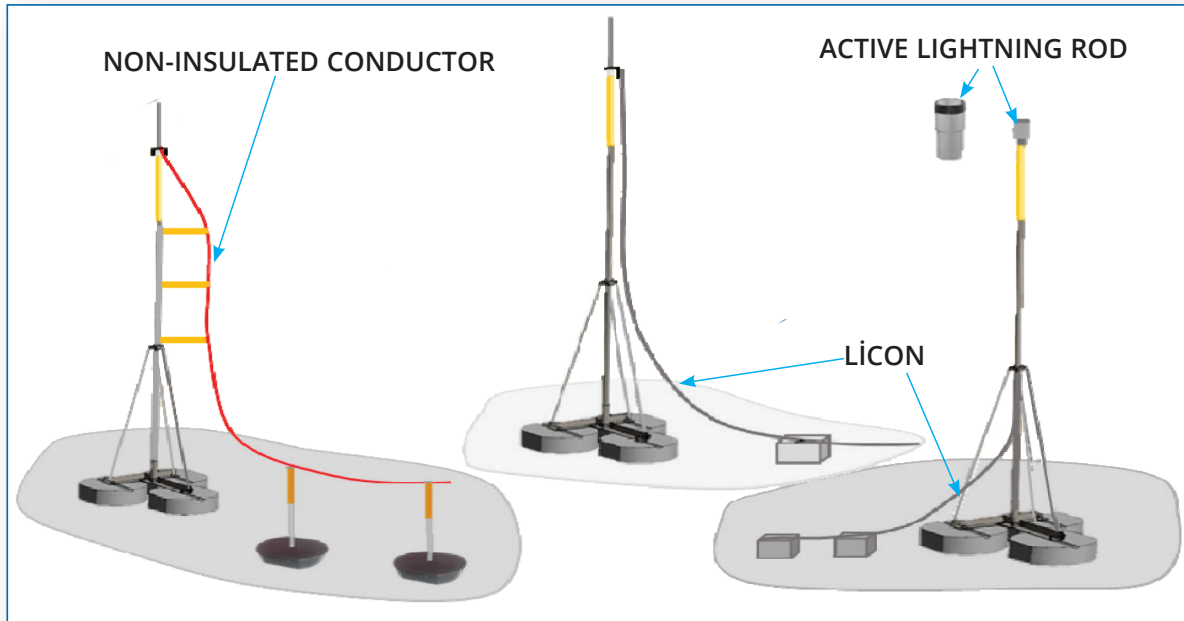
THIS AIR ROD CAN BE USED WITH A TURNBUCKLE SET OR SIDEWALL SUPPORTS.

INSULATED AIR-TERMINATION RODS "SELF SUPPORTING MAST" ISSM.T1 TYPE AIR TERMINATION MAST

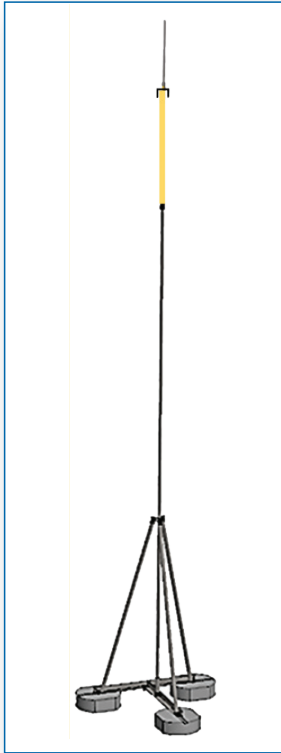


Code	L (m)	Definition, Material		FT.500 Ea
ISSM.T1.3.R	3	Ø (mm) 27(L-2,5m)+CTP34 (1,5 m)+10 (1 m)	Galvanized Pipe + CTP+Al ZnSt mast+CTP+Al	3
ISSM.T1.4.R	4			3
ISSM.T1.5.R	5			3
ISSM.T1.6.R	6			6

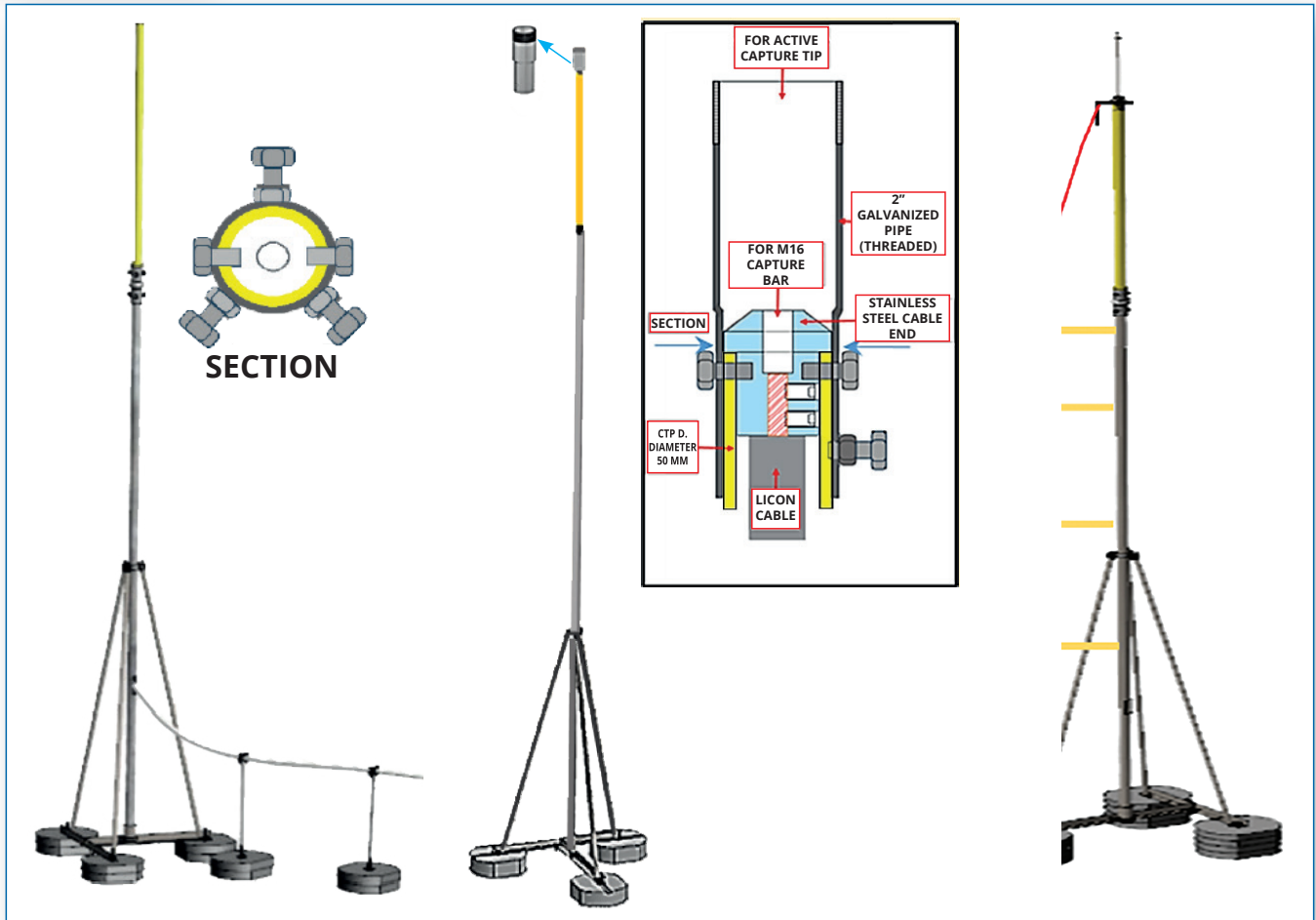
Code	L (m)	Definition, Material		FT.500 Ea
ISSM.T1.3A	3	Ø (mm) 48(L-1,5m) + CTP50 (1,5 m)	Galvanized Pipe + CTP+Al ZnSt mast+CTP+Al	3
ISSM.T1.4A	4			3
ISSM.T1.5A	5			3
ISSM.T1.6A	6			6



INSULATED AIR-TERMINATION RODS “SELF SUPPORTING MAST” ISSM.T2 TYPE AIR TERMINATION MAST



Code	L (m)	Definition, Material		FT.500 Ea
ISSM.T2.50R	5,00	$\varnothing$ (mm) 34(L-2,5m) + CTP34 (1,5 m) + 16(1.0m)	Galvanized Pipe + CTP+Al ZnSt mast+CTP+Al	3
ISSM.T2.55R	5,50			3
ISSM.T2.60R	6,00			6
ISSM.T2.65R	6,50			6
ISSM.T2.70R	7,00			6
ISSM.T2.75R	7,50			6
ISSM.T2.80R	8,00			6
ISSM.T2.50R	5,00	$\varnothing$ (mm) 48(L-1,5m) + CTP50 (1,5 m)	Galvanized Pipe + CTP+ZnSt ZnSt mast+CTP+ZnSt	3
ISSM.T2.55R	5,50			3
ISSM.T2.60R	6,00			6
ISSM.T2.65R	6,50			6
ISSM.T2.70R	7,00			6
ISSM.T2.75R	7,50			6
ISSM.T2.80R	8,00			6

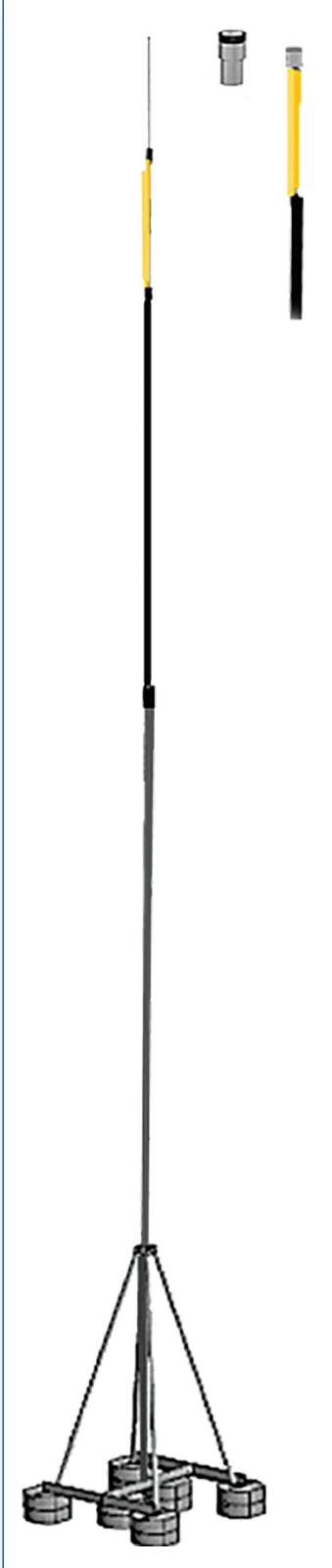


YALITILMIŞ YAKALAMA ÇUBUĞU “SEYYAR, PAYANDALI”

INSULATED AIR-TERMINATION RODS “SELF SUPPORTING MAST”

ISSM.H TİPİ İZOLE YAKALAMA ÇUBUĞU

ISSM.H TYPE AIR TERMINATION RODS



Code	L (m)	Definition, Material		FT.500 Ea
ISSM.H.75.R	7,50	Ø (mm) 42(L-2,5m) + PPRC40 (1,5 m) + 16(1.0m)	Galvanized Pipe + CTP+Al ZnSt mast+CTP+Al	6
ISSM.H.80.R	8,00			6
ISSM.H.85.R	8,50			6
ISSM.H.90.R	9,00			12
ISSM.H.95.R	9,50			12
ISSM.H.10.R	10,00			12
ISSM.H.75.R	7,50	Ø (mm) 60(L-1,5m) + CTP50 (1,5 m)	Galvanized Pipe + CTP+ZnSt ZnSt mast+CTP+ZnSt	6
ISSM.H.80.R	8,00			6
ISSM.H.85.R	8,50			6
ISSM.H.90.R	9,00			12
ISSM.H.95.R	9,50			12
ISSM.H.10.R	10,00			12

INSULATED AIR-TERMINATION RODS “SELF SUPPORTING MAST” FITTINGS



CODE	DESCRIPTION	MATERIAL	DIA (mm)
PDKK.60	4 WAY CONNECTION CLAMP	A, B,N, D1, D2	60



GENERAL DIRECTORATE
0 312 394 53 56
satis@radsan.com.tr

MARMARA REGIONAL DIRECTORATE
0 549 743 30 34
marmara@radsan.com.tr



AEGEAN REGIONAL DIRECTORATE
0 549 743 30 38
ege@radsan.com.tr

GAZIANTEP REGION
0 549 743 30 33
guneydogu@radsan.com.tr