

Aluminium offset satellite dish

PO series

art. 11-078
PO 85 G/R



Ideal for the reception of satellite signals.

Equipped with arm complete of feeder clamps for LNB with neck \varnothing 23 and 40 mm and hot-dip galvanized steel mast clamp (AZ/EL).

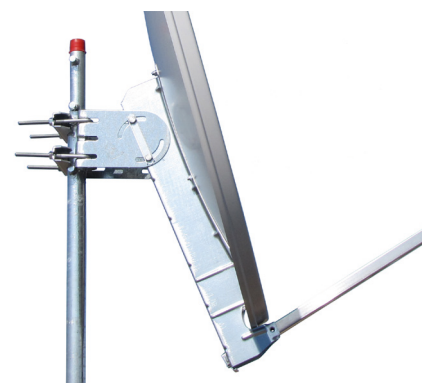
Characteristics

- High efficiency and high gain
- Hot-dip galvanized steel mast clamp
- Stainless steel screws
- Mast clamp with double fasteners

Code	11-078	
Item	PO 85 G/R	
Color	red RAL 8012	
Diameter	cm	85x90,5
Reflecting dimension	cm	81,5x87
Illumination efficiency ⁽¹⁾	%	70
Gain @ 10,7 GHz ⁽¹⁾	dB	37,8
Gain @ 11,7 GHz ⁽¹⁾	dB	38,5
Gain @ 12,75 GHz ⁽¹⁾	dB	39,2
Cross polarization on axis @ 10,95 GHz ⁽¹⁾	dBc	-26
First side lobe level @ 10,95 GHz ⁽¹⁾	dBc	-24
Noise temp. @ 12 GHz, 36° elevation ⁽¹⁾	K	40
F/D ratio		0,67
3 dB beam width @ 11,7 GHz ⁽¹⁾	°	1,95
Offset pointing angle	°	21,1
Feed illumination angle	°	69
\varnothing Feeder clamp	mm	23 and 40
Elevation angle	°	0 ÷ 80
Mast clamp	mm	30 ÷ 90
Aluminium reflector thickness	mm	1,2
Weight	Kg	5,4
Wind load @120 Km/h (worst-case)	Kg	75
Frequency range	GHz	10,7 ÷ 12,7
Working temperature	°C	-30 ÷ +70
Humidity		0-100%

(1) Value with matched feed

AZ/EL mast clamp



Packaging	No. pieces	No. pack	Content of each pack	Dimensions LxWxH (mm)	Weight (Kg)
Single pack	1	1	1 reflector + 1 assembly kit	1030x870x140	7,6
Multi-pack	10	1	10 reflectors	940x900x170	25,0
		1	10 assembly kits	770x250x130	40,0

Matching multifeeds:



Art. 11-092
MF3 PO G
 No. LNB holders: 3
 Distance between
 2 satellites: 6°+20°



Art. 11-094
MF4 PO G Slide
 No. LNB holders: 4
 Distance between
 2 satellites: 8°+26°



Art. 11-096
MF2 PO G Slide
 No. LNB holders: 2
 Distance between
 2 satellites: 8°+26°



Art. 11-097
MF2 PO G
 No. LNB holders: 2
 Distance between
 2 satellites: 6°+11°

