



## Aluminium offset satellite dish

PO series

**art. 11-079**  
**PO 80 A**



Ideal for the reception of satellite signals.

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

### Characteristics

- High efficiency and high gain
- Hot-dip galvanized steel mast clamp
- Stainless steel screws

Code	11-079	
Item	PO 80 A	
Color	white RAL 7035	
Diameter	cm	75x80
Reflecting dimension	cm	72x77
Illumination efficiency <sup>(1)</sup>	%	69
Gain @ 10,7 GHz <sup>(1)</sup>	dB	36,6
Gain @ 11,7 GHz <sup>(1)</sup>	dB	37,4
Gain @ 12,75 GHz <sup>(1)</sup>	dB	38,2
Cross polarization on axis @ 10,95 GHz <sup>(1)</sup>	dBc	-24
First side lobe level @ 10,95 GHz <sup>(1)</sup>	dBc	-24
Noise temp. @ 12 GHz, 36° elevation <sup>(1)</sup>	K	42
F/D ratio		0,67
3 dB beam width @ 11,7 GHz <sup>(1)</sup>	°	2,2
Offset pointing angle	°	21
Feed illumination angle	°	70
Ø Feeder clamp	mm	40
Elevation angle	°	0 ÷ 90
Mast clamp	mm	30 ÷ 50
Aluminium reflector thickness	mm	1,0
Weight	Kg	3,1
Wind load @120 Km/h (worst-case)	Kg	58
Frequency range	GHz	10,7 ÷ 12,7
Working temperature	°C	-30 ÷ +70
Humidity		0-100%

(1) Value with matched feed

Packaging	No. pieces	No. pack	Content of each pack	Dimensions LxWxH (mm)	Weight (Kg)
Single pack	1	1	1 reflector + 1 assembly kit	940x790x150	6,1
Multi-pack	10	1	10 reflectors	940x775x145	17,0
		1	10 assembly kits	600x560x210	18,0

### Matching multifeeds:



**Art. 11-090\***  
**MF5 LNB 23**

No. LNB holders: 5  
 Distance between  
 2 satellites: 3°+20°

\* usable only with LNB series 23



**Art. 11-093**  
**MF2 PO F**

No. LNB holders: 2  
 Distance between  
 2 satellites: 6°+9°

