

## Aluminium offset satellite dish

PO series

**art. 11-102**  
**PO 100 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).

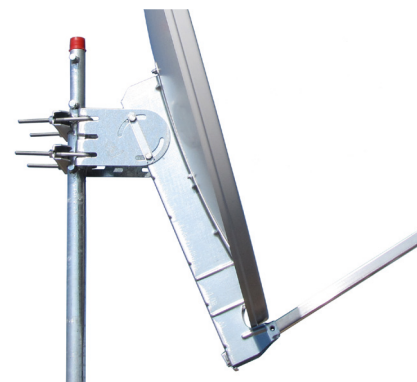
### Characteristics

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

Code	11-102	
Item	PO 100 G/R	
Color	red RAL 8012	
Diameter	cm	97x104
Reflecting dimension	cm	94x101
Illumination efficiency <sup>(1)</sup>	%	70
Gain @ 10,7 GHz <sup>(1)</sup>	dB	39,0
Gain @ 11,7 GHz <sup>(1)</sup>	dB	39,7
Gain @ 12,75 GHz <sup>(1)</sup>	dB	40,5
Cross polarization on axis @ 10,95 GHz <sup>(1)</sup>	dBc	-28
First side lobe level @ 10,95 GHz <sup>(1)</sup>	dBc	-24
Noise temp. @ 12 GHz, 36° elevation <sup>(1)</sup>	K	38
F/D ratio		0,66
3 dB beam width @ 11,7 GHz <sup>(1)</sup>	°	1,7
Offset pointing angle	°	21
Feed illumination angle	°	70
$\varnothing$ Feeder clamp	mm	23 and 40
Elevation angle	°	0 ÷ 80
Mast clamp	mm	30 ÷ 90
Aluminium reflector thickness	mm	1,3
Weight	Kg	7,1
Wind load @120 Km/h (worst-case)	Kg	98
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	1140x1020x200	10,0
Multi-pack	10	1	10 reflectors + 10 assembly kits	1080x1020x320	78,5

### 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°

