



Aluminium offset satellite dish

PO series

art. 11-076
PO 85 G



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).

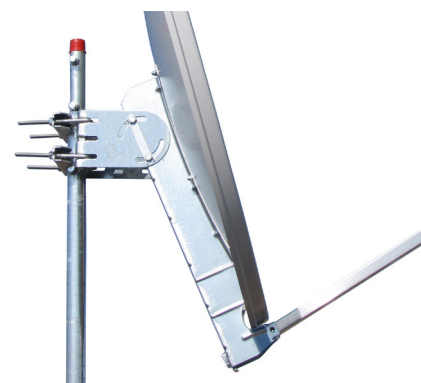
Characteristics

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

| Code | 11-076 | |
|---|----------------|-------------|
| Item | PO 85 G | |
| Color | white RAL 7035 | |
| 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°

