

# 100 LH

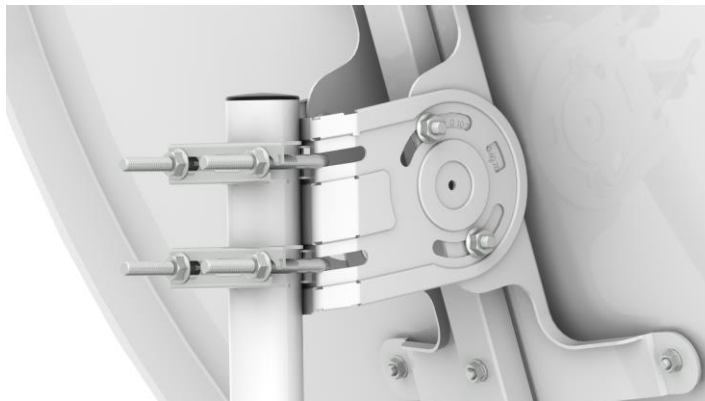
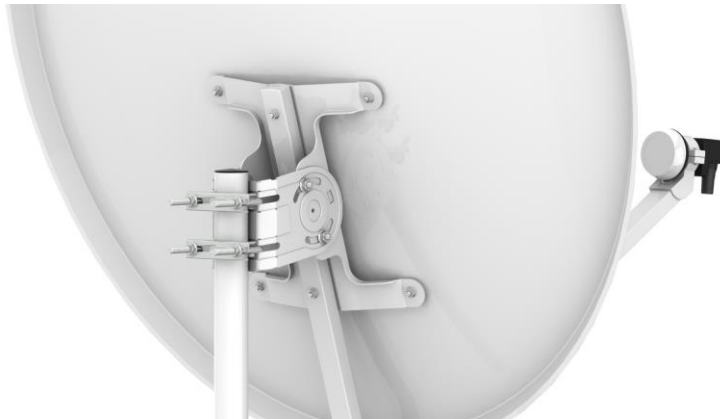


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**Satellite Antenna  
Technical Brochure**

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## Photo Documentation



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## Technical Specifications

|                                |                              |
|--------------------------------|------------------------------|
| Type                           | Offset                       |
| Offset ( )                     | 22,5                         |
| Reflector Diameter (mm)        | 910 x 1000                   |
| Focal Distance (mm)            | 583                          |
| F/D Ratio                      | 0.64                         |
| Frequency Range (GHz)          | 10.70 – 12.75                |
| Efficiency (%)                 | > 70                         |
| Reflector Material             | Galvanized Steel / Aluminium |
| Reflector Thickness (mm)       | 0.7 / 1.5                    |
| Polarization                   | Linear/Circular              |
| Gain @ 10,7 GHz (dBi)          | 38.0                         |
| Gain @ 11,7 GHz (dBi)          | 39.3                         |
| Gain @ 12,7 GHz (dBi)          | 39.9                         |
| Elevation Adjustment Range ( ) | Min – 15 / Max – 65          |
| Azimuth Adjustment Range ( )   | 360                          |
| Mast Pipe Interface (mm)       | 40/50/60                     |
| Feed Interface Diameter (mm)   | 40                           |
| -3 dB Beamwidth on azimuth     | 3,2° at 12,75 GHz            |
| -3 dB Beamwidth on elevation   | 3,3° at 12,75 GHz            |
| Operational Windload (Km/h)    | 77 (IEC1114-2 Standard)      |
| Survival Windload (Km/h)       | 144 (IEC1114-2 Standard)     |
| Destructive Windload (Km/h)    | 216 (IEC1114-2 Standard)     |

**Remarks:** The antenna test was carried out in laboratory and it guarantees the quality control for the production of our antennas. Each new model is tested in laboratory and the production quality is regularly tested in compliance to laboratory tests.

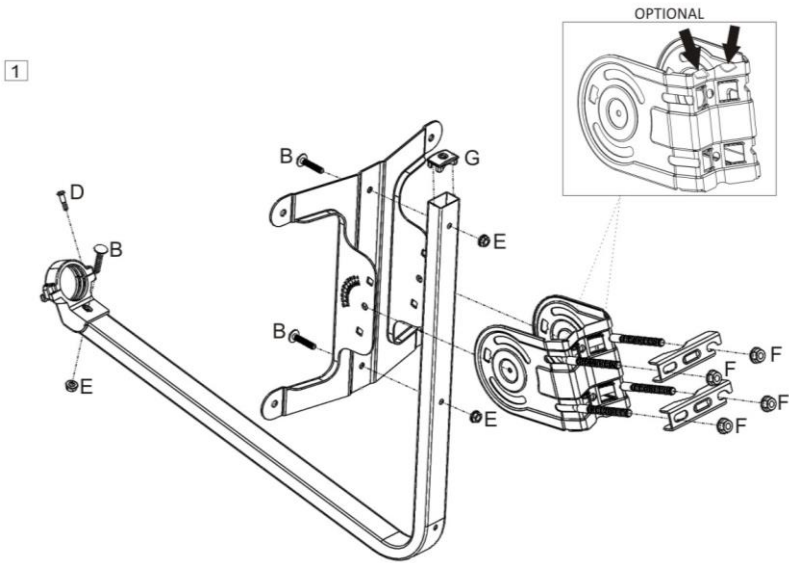
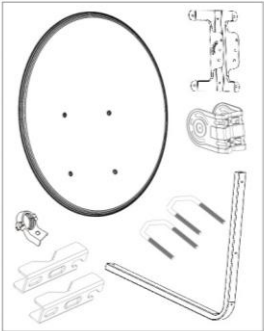
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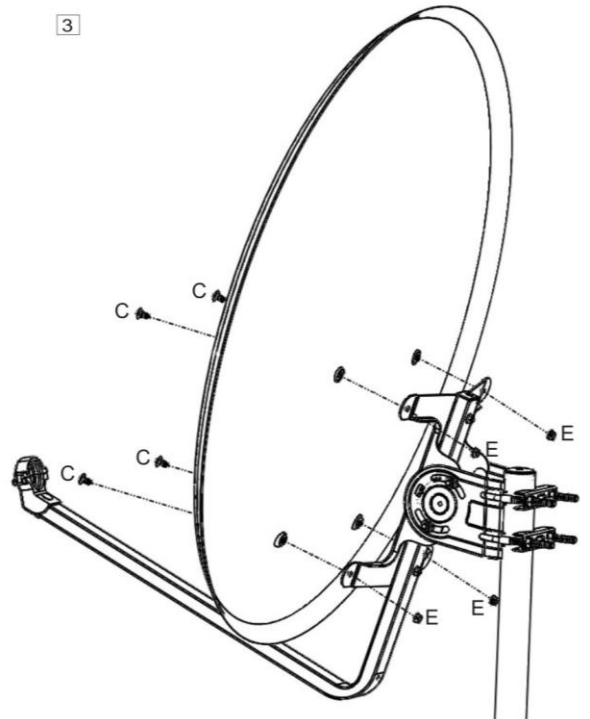
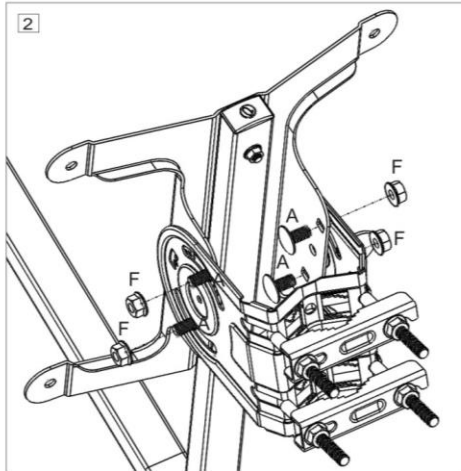
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A/F080LH | A/F085LH | A/F100LH

- A**  M8 x 16 Oval head, short neck 4
- B**  M6 x 30 Oval head, short neck 3
- C**  M6 x 12 Oval head, short neck 4
- D**  M4 x 18 Combi 1
- E**  M6 nut 7
- F**  M8 nut 8
- G**  30x20 Terminal 1



## Instruction Manual II



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