

MW-V30S10W-CPR90G

3.0m 10GHz High Performance Microwave Antenna

PROSE

- High Performance Antenna
- 10.00-11.70 GHz
- Single-Polarized



Electrical Data

| | | |
|------------------------------|------|---|
| Operating Frequency | | 10.00-11.70 GHz |
| Gain* | Low | 47.3 dBi |
| | Mid | 48.1 dBi |
| | High | 48.7 dBi |
| 3dB BW (Azimuth & Elevation) | | 0.7 deg |
| Regulatory Compliance | | ETSI 302 217 R1 Class3 US FCC Part 101A @ 10.55-10.7GHz US FCC Part 101A @ 10.7-11.7GHz Canada SRSP310.7 Part A |
| RPE Number | | RPE30-10W |
| VSWR (Return Loss) | | 1.30 (-17.7 dB) |
| F/B Ratio | | 74 dB |
| XPD | | 30 dB |
| Polarization | | Single-polarized |
| Interface Waveguide Type | | CPR90G |

* Tolerance : ± 1.0 dBi.

Environmental Data

| | | |
|-----------------------|-------------|--------------------|
| Operating Temperature | | -45°C to +65°C |
| Wind resistance | Operational | 108 km/h 67 mph |
| | Survival | 198 km/h 123 mph |

Mechanical Data

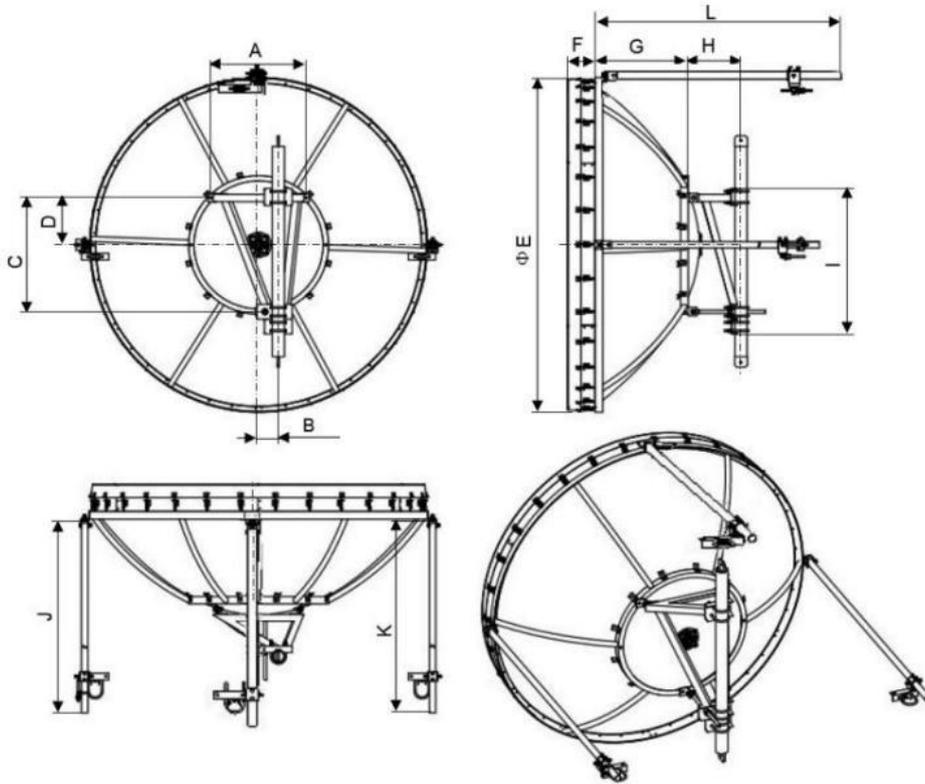
| | | |
|------------------------|-----------|--|
| Reflector Construction | | One-piece reflector |
| Adjustment | Azimuth | $\pm 5^\circ$ |
| | Elevation | $\pm 5^\circ$ |
| Packed Dimension | L / W / H | 3260mm / 2250mm / 2550mm 128.35in / 88.58in / 100.39in |
| Packing | | Angle steel |
| New Weight | | 236kg 520.3 lb |
| Gross Weight | | 426kg 939.2 lb |

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Antenna Dimension (in mm) and Mounting Kit



Pole diameter 120 mm | 5 in
Side struts, included 3

| Dimension | A | B | C | D | E | F | G | H | I | J | K | L |
|-----------|-----|-----|------|-----|------|-----|-----|-----|------|------|------|------|
| (mm) | 894 | 190 | 1082 | 450 | 3185 | 350 | 745 | 535 | 1380 | 2500 | 3000 | 2000 |

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