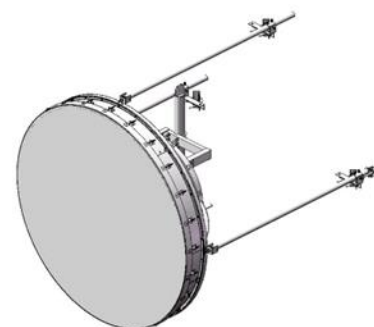


# MW-V30S7W

3.0m 7/8GHz High Performance Microwave Antenna

**PROSE**

- High Performance Antenna
- 7.10-8.50 GHz
- Single-Polarized



## Electrical Data

|                              |      |                        |
|------------------------------|------|------------------------|
| Operating Frequency          |      | 7.10-8.50 GHz          |
| Gain*                        | Low  | 44.2 dBi               |
|                              | Mid  | 45.0 dBi               |
|                              | High | 45.7 dBi               |
| 3dB BW (Azimuth & Elevation) |      | 0.9 deg                |
| Regulatory Compliance        |      | ETSI 302 217 R1 Class3 |
| RPE Number                   |      | RPE30-7W               |
| VSWR (Return Loss)           |      | 1.30 (-17.7 dB)        |
| F/B Ratio                    |      | 70 dB                  |
| XPD                          |      | 30 dB                  |
| Polarization                 |      | Single-polarized       |
| Interface Waveguide Type     |      | UDR84                  |

\* Tolerance :  $\pm 1.0$  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

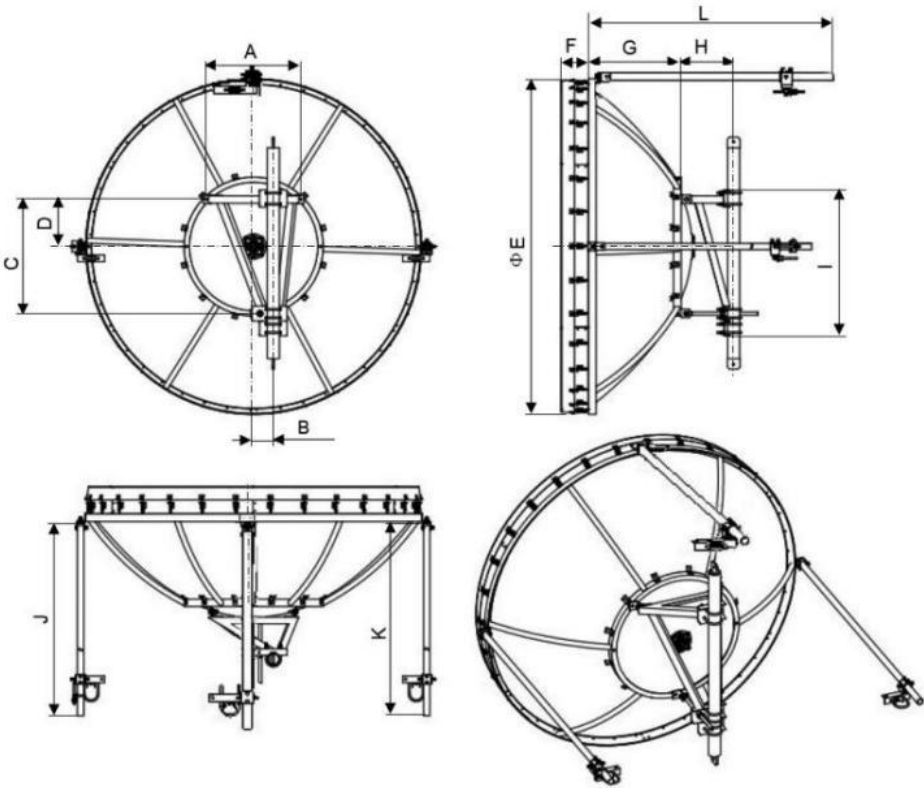
|                        |           |                                                          |
|------------------------|-----------|----------------------------------------------------------|
| Reflector Construction |           | One-piece reflector                                      |
| Adjustment             | 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                                         |

# MW-V30S7W

3.0m 7/8GHz High Performance Microwave Antenna



## 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 |

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.