

MW-V30D10W-CPR90G

3.0m 10GHz High Performance Microwave Antenna

PROSE

- High Performance Antenna
- 10.00-11.70 GHz
- Dual-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
Rosenberger RPE Number		RPE30-10W
VSWR (Return Loss)		1.30 (-17.7 dB)
F/B Ratio		74 dB
XPD		30 dB
Polarization		Dual-polarized
Interface Waveguide Type		CPR90G

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

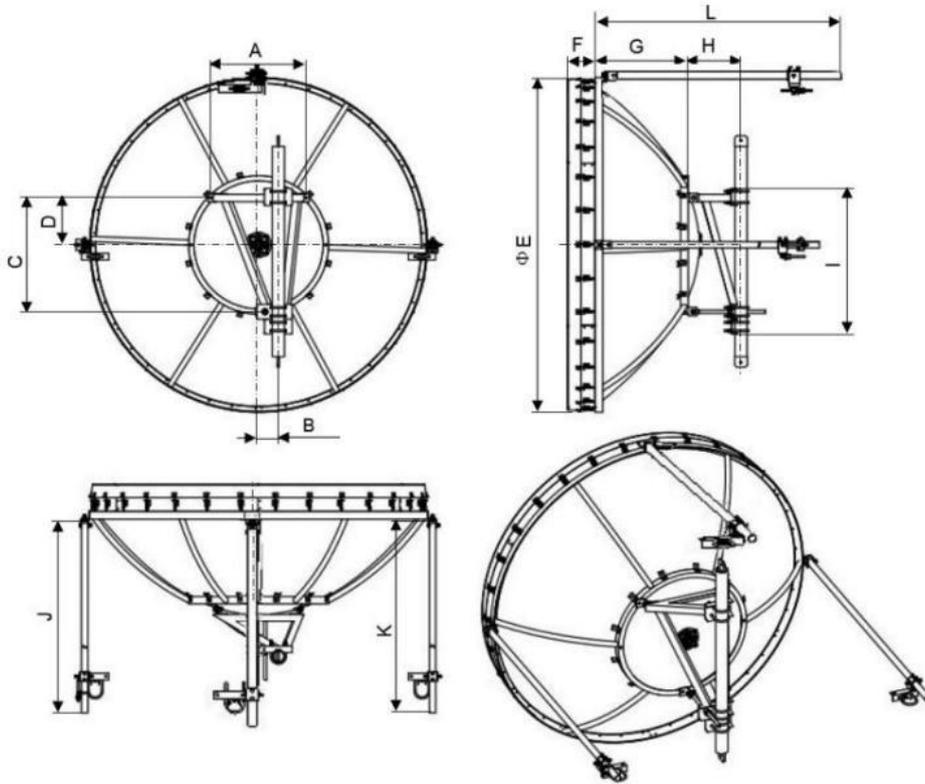
Reflector Construction		One-piece reflector
Adjustment	Azimuth	±5°
	Elevation	±5°
Packed Dimension	L / W / H	3260mm / 2250mm / 2550mm 128.35in / 88.58in / 100.39in
Packing		Angle steel
New Weight		236kg 520.3 lb
Gross Weight		426kg 939.2 lb

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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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