

MW-V37S10W-CPR90G

3.7m 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	48.4 dBi
	Mid	49.4 dBi
	High	50.3 dBi
3dB BW (Azimuth & Elevation)		0.6 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		RPE37-10W
VSWR (Return Loss)		1.30 (-17.7 dB)
F/B Ratio		75 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

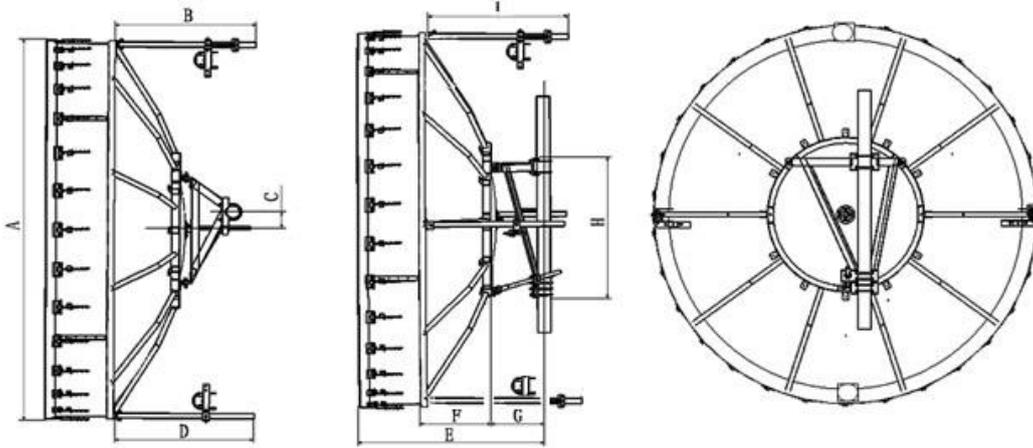
Reflector Construction		One-piece reflector
Adjustment	Azimuth	$\pm 5^\circ$
	Elevation	$\pm 5^\circ$
Packed Dimension	L / W / H	3950mm / 1140mm / 2200mm 155.51in / 44.88in / 86.61in
Packing		Angle steel
New Weight		610kg 1344.8 lb
Gross Weight		880kg 1940.1 lb

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Antenna Dimension (in mm) and Mounting Kit



Pole diameter 120 mm | 5 in
Side struts, included 4

Dimension (mm)	A	B	C	D	E	F	G	H	I
	3800	2500	200	3500	2200	700	520	1500	2000

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