

# MW-V37S6W-CPR137G

3.7m 6GHz High Performance Microwave Antenna

**PROSE**

- High Performance Antenna
- 5.925-7.125 GHz
- Single-Polarized



## Electrical Data

Operating Frequency		5.925-7.125 GHz
Gain*	Low	44.4 dBi
	Mid	45.3 dBi
	High	46.0 dBi
3dB BW (Azimuth & Elevation)		0.87 deg
Regulatory Compliance		ETSI 302 217 R1 Class3   US FCC Part 101A  Canada SRSP 305.9 Part A   Canada SRSP 306.4 Part A
RPE Number		RPE37-6W
VSWR (Return Loss)		1.30 (-17.7 dB)
F/B Ratio		71 dB
XPD		30 dB
Polarization		Single-polarized
Interface Waveguide Type		CPR137G

\* 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

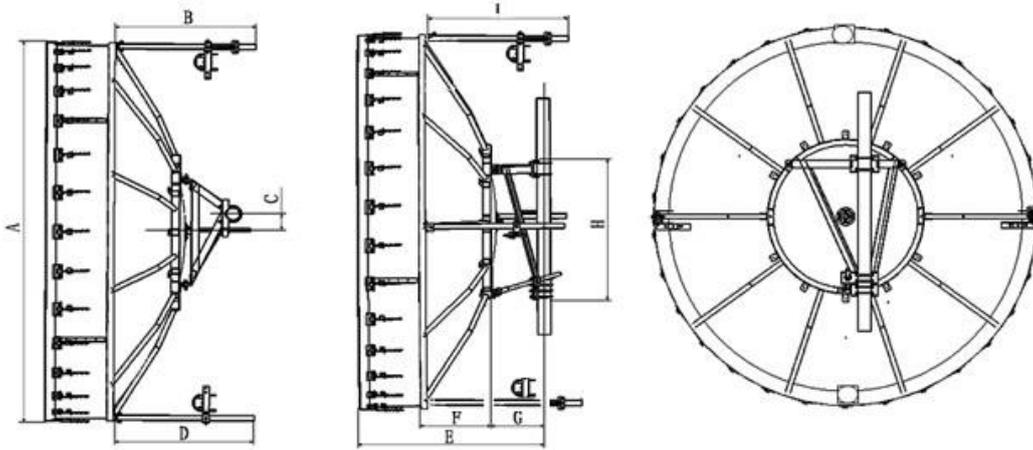
Reflector Construction		One-piece reflector
Adjustment	Azimuth	$\pm 5^\circ$
	Elevation	$\pm 5^\circ$
Packed Dimension	L / W / H	3950mm / 1140mm / 2200mm   155.51in / 44.88in / 86.61in
Packing		Angle steel
New Weight		610kg   1344.8 lb
Gross Weight		880kg   1940.1 lb

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## Antenna Dimension (in mm) and Mounting Kit



Pole diameter 120 mm | 5 in

Side struts, included 4

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

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