

MW-V24D10W-CPR90G

2.4m 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	45.15 dBi
	Mid	45.95 dBi
	High	46.55 dBi
3dB BW (Azimuth & Elevation)		0.8 deg
Regulatory Compliance		ETSI 302 217 R1 Class3 US FCC Part 101A
RPE Number		RPE24-10W
VSWR (Return Loss)		1.30 (-17.7 dB)
F/B Ratio		72 dB
XPD		30 dB
Polarization		Dual-polarized
Interface Waveguide Type		WR90 (BJ100)

Environmental Data

Operating Temperature		-45°C to +65°C
Storage Temperature		-45°C to +65°C
Wind resistance	Operational	180 km/h
	Survival	252 km/h

Mechanical Data

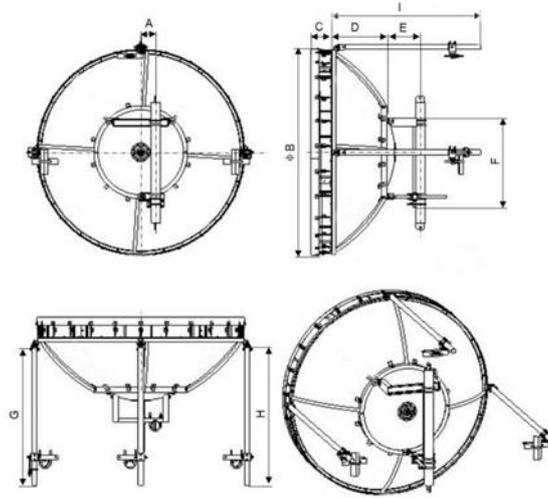
Reflector Construction		One-piece reflector
Adjustment	Azimuth	±5°
	Elevation	±5°
Packed Dimension	L / W / H	2700mm / 1150mm / 2560mm
Packing		Angle steel
Net Weight		175Kg (385.81LB)
Gross Weight		275Kg (606.27LB)

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Antenna Dimension (in mm) and Mounting Kit

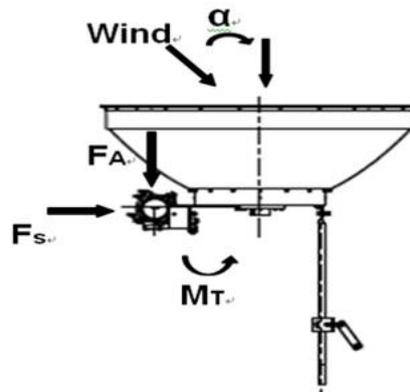


Dimension(mm)	A	B	C	D	E	F	G	H	I
	180	2580	250	680	405	1105	2000	2500	2000

Pole diameter 114 mm

Side struts, included 3

Wind Forces at Wind Velocity Survival Rating



Axial Force (FA) 11890 N

Side Force (FS) 6360 N

Twisting Moment (MT) 5320 N.M

Angle α for MT Max -10°

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.