

MW-V06S10W-CPR90G

0.6m 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	33.7 dBi
	Mid	34.5 dBi
	High	35.2 dBi
3dB BW (Azimuth & Elevation)		3.3 deg
Regulatory Compliance		ETSI 302 217 R1 Class3 US FCC Part 101A @ 10.55-10.7GHz US FCC Part 101B @ 10.7-11.7GHz
RPE Number		RPE06-10W
VSWR (Return Loss)		1.30 (-17.7 dB)
F/B Ratio		61 dB
XPD		30 dB
Polarization		Single-Polarized
Interface Waveguide Type		CPR90G

Environmental Data

Operating Temperature		-55°C to +70°C
Storage Temperature		-55°C to +70°C
Wind resistance	Operational	180 km/h 112 mph
	Survival	252 km/h 157 mph

Mechanical Data

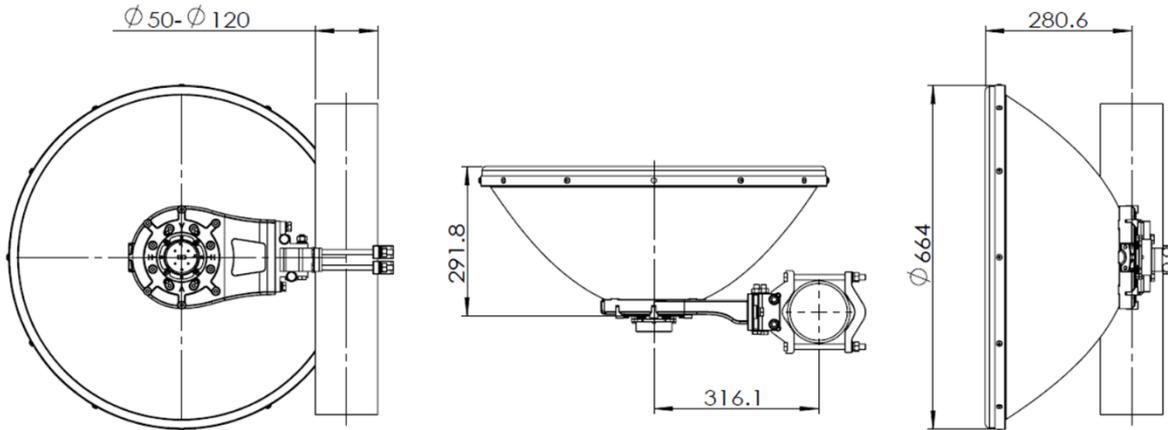
Reflector Construction		One-piece reflector
Adjustment	Azimuth	±15°
	Elevation	±15°
Packed Dimension	L / W / H	710mm / 710mm / 415mm 27.95in / 27.95in / 16.34in
Packing		1 set in cardboard box
Net Weight		11.05 kg 24.36 lb
Gross Weight		16.05 kg 35.38 lb

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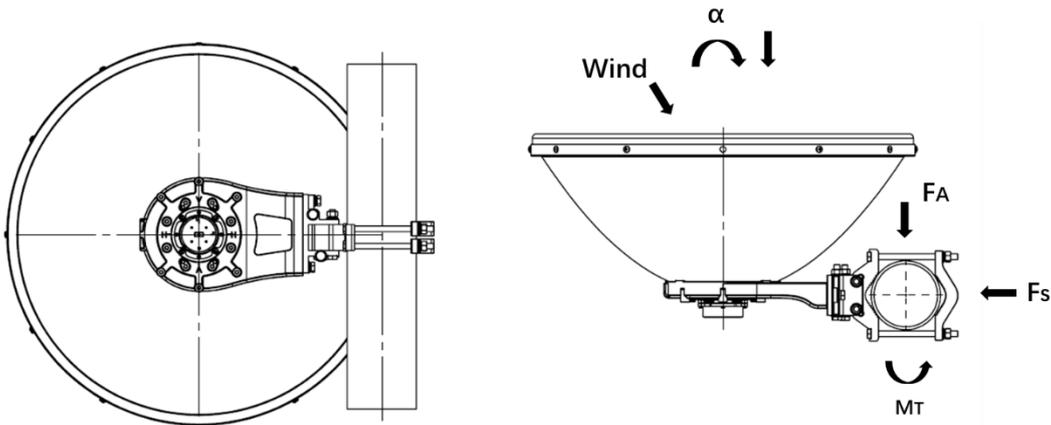
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Antenna Dimension (in mm) and Mounting Kit



Pole diameter	50-120 mm 2-5 in
Side struts, included	0

Wind Forces at Wind Velocity Survival Rating



Axial Force (FA)	1281 N 288 lb-f
Side Force (FS)	632 N 142 lb-f
Twisting Moment (MT)	480 N.M 354 lb-ft
Angle α for MT Max	0°

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