

MW-V06S80

0.6m 80GHz High Performance Microwave Antenna



- High Performance Antenna
- 71.00-86.00 GHz
- Single-Polarized



Electrical Data

Operating Frequency		71.00-86.00 GHz
Gain*	Low	50.0 dBi
	Mid	50.5 dBi
	High	51.0 dBi
3dB BW (Azimuth & Elevation)		0.5 deg
Regulatory Compliance		ETSI 302 217 R7 Class3 US FCC Part 101.115
RPE Number		RPE06-80
VSWR (Return Loss)		1.50 (-14.0 dB)
F/B Ratio		68 dB
XPD		27 dB
Polarization		Single-polarized
Interface Waveguide Type		WR12 (BJ740)

* Tolerance : ±1.0dBi.

Environmental Data

Operating Temperature		-55°C to +70°C
Storage Temperature		-55°C to +70°C
Wind resistance	Operational	144 km/h 89 mph
	Survival	252 km/h 157 mph

Mechanical Data

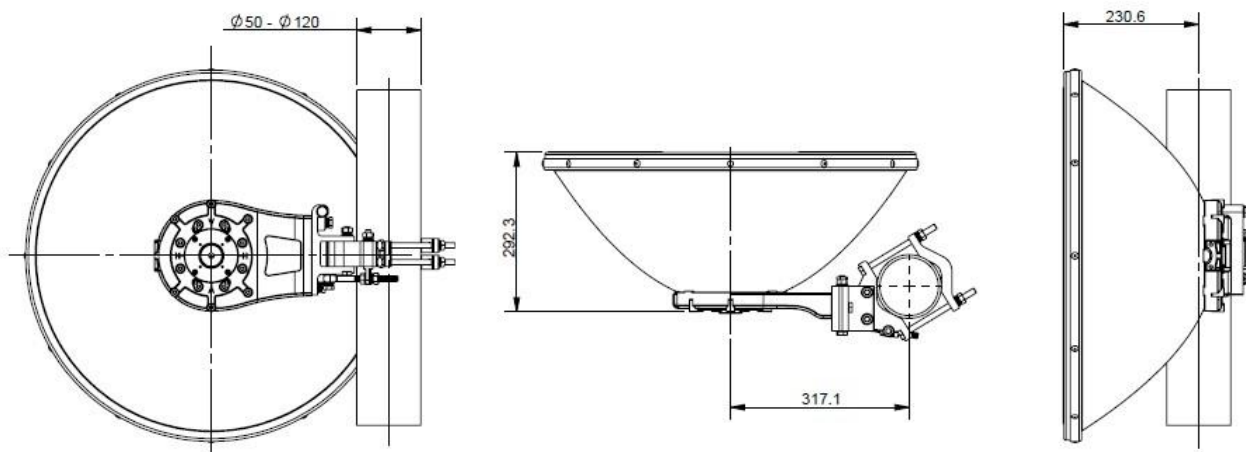
Reflector Construction		One-piece reflector
Adjustment	Azimuth	±15°
	Elevation	±15°
Packed Dimension	L / W / H	710 mm / 710 mm / 415 mm 27.95 in /27.95 in /16.34 in
Packing		1 set in cardboard box
Net Weight		8.8 kg 19.4 lb
Gross Weight		13.55 kg 29.87 lb

MW-V06S80

0.6m 80GHz High Performance Microwave Antenna

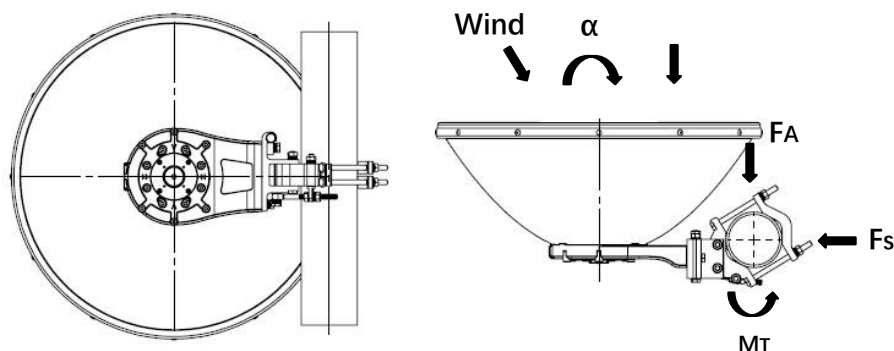
PROSE

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°

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.