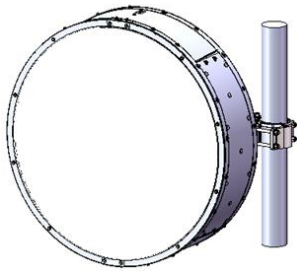


MW-V09S18

0.9m 18GHz High Performance Microwave Antenna



- High Performance Antenna
- 17.70-19.70 GHz
- Single-Polarized



Electrical Data

Operating Frequency	17.70-19.70 GHz	
Gain*	Low	42.4 dBi
	Mid	43.2 dBi
	High	43.4 dBi
3dB BW (Azimuth & Elevation)	1.1 deg	
Regulatory Compliance	ETSI 302 217 R2 Class3 US FCC Part 101A	
RPE Number	RPE09-18	
VSWR (Return Loss)	1.30 (-17.7 dB)	
F/B Ratio	71 dB	
XPD	30 dB	
Polarization	Single-polarized	
Interface Waveguide Type	WR42 (BJ220)	

* Tolerance : ± 1.0 dBi.

Environmental Data

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

Mechanical Data

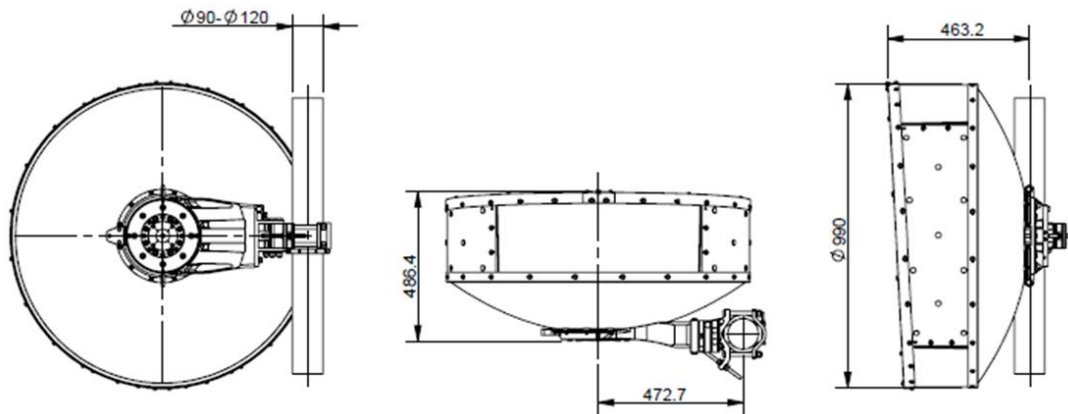
Reflector Construction	One-piece reflector	
Adjustment	Azimuth	$\pm 15^\circ$
	Elevation	$\pm 15^\circ$
Packed Dimension	L / W / H	1065mm / 1065mm / 415mm
Packing	1 set in cardboard box	
Net Weight	22Kg (48.5LB)	
Gross Weight	33Kg (72.8LB)	

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0.9m 18GHz High Performance Microwave Antenna

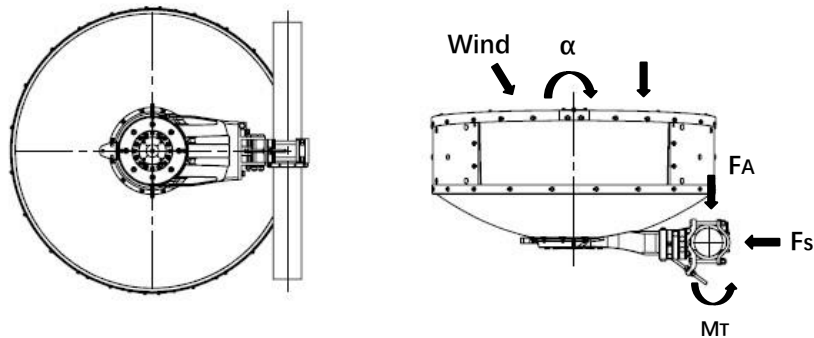
PROSE

Antenna Dimension (in mm) and Mounting Kit



Pole diameter	90-120 mm
Side struts, included	0

Wind Forces at Wind Velocity Survival Rating



Axial Force (FA)	2949 N
Side Force (FS)	1455 N
Twisting Moment (MT)	1180 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.