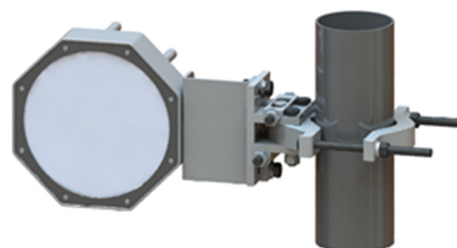


MW-V01S100

0.1m 100GHz High Performance Microwave Antenna

PROSE

- High Performance Antenna
- 92.0-114.0 GHz
- Single-Polarized



Electrical Data

Operating Frequency		92.0-114.0 GHz
Gain	Low	40.7 dBi
	Mid	41.7 dBi
	High	42.7 dBi
3dB BW (Azimuth & Elevation)		1.4 deg
Regulatory Compliance		ETSI 302 217 R7 Class3
Rosenberger RPE Number		RPE01-100
VSWR (Return Loss)		1.50 (-14.0 dB)
F/B Ratio		54 dB
XPD		27 dB
Polarization		Single-polarized
Interface Waveguide Type		WR10 (R900)

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

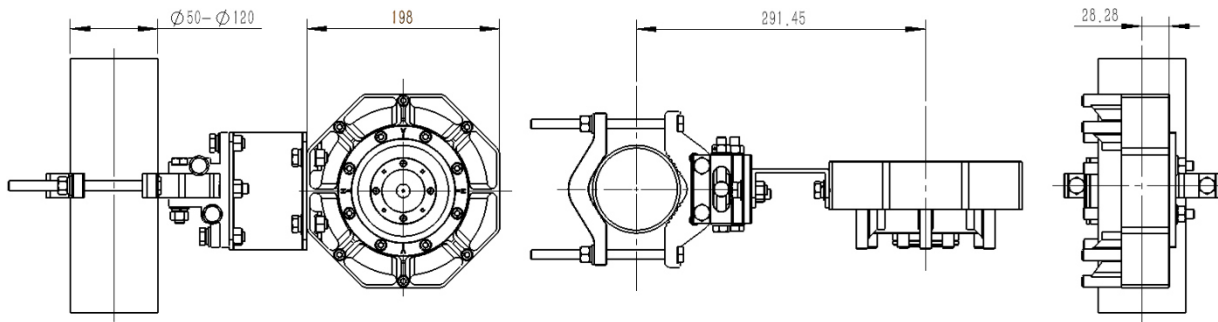
Reflector Construction		One-piece reflector
Adjustment	Azimuth	±15°
	Elevation	±15°
Packed Dimension	L / W / H	300mm / 260mm / 140mm
Packing		1 set in cardboard box
New Weight		2.6Kg
Gross Weight		3.0Kg

MW-V01S100

0.1m 100GHz High Performance Microwave Antenna

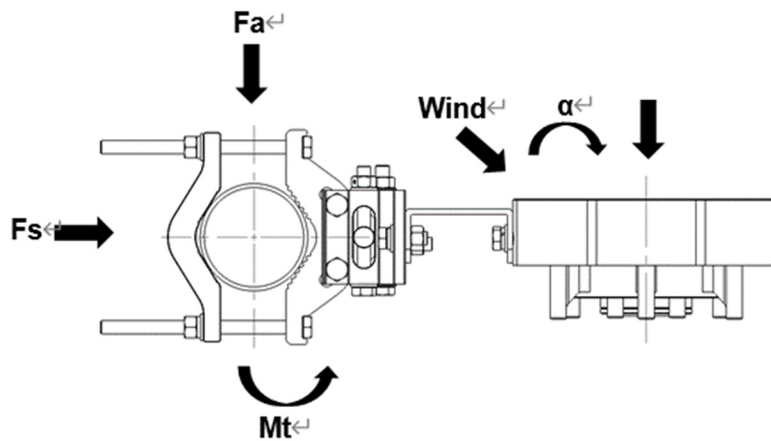
PROSE

Antenna Dimension (in mm) and Mounting Kit



Pole diameter	50-120 mm
Side struts, included	0

Wind Forces at Wind Velocity Survival Rating



Axial Force (FA)	83 N
Side Force (FS)	41 N
Twisting Moment (MT)	17 N.M
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.