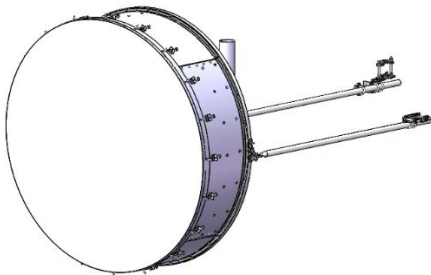


MW-V18S10W

1.8m 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	42.9 dBi
	Mid	43.7 dBi
	High	44.5 dBi
3dB BW (Azimuth & Elevation)		1.0 deg
Regulatory Compliance		ETSI 302 217 R1 Class3 US FCC Part 101A @ 10.55-10.7GHz US FCC Part 101A @ 10.7-11.7GHz
RPE Number		RPE18-10W
VSWR (Return Loss)		1.30 (-17.7 dB)
F/B Ratio		70 dB
XPD		30 dB
Polarization		Single-polarized
Interface Waveguide Type		WR75 (BJ120)

* 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

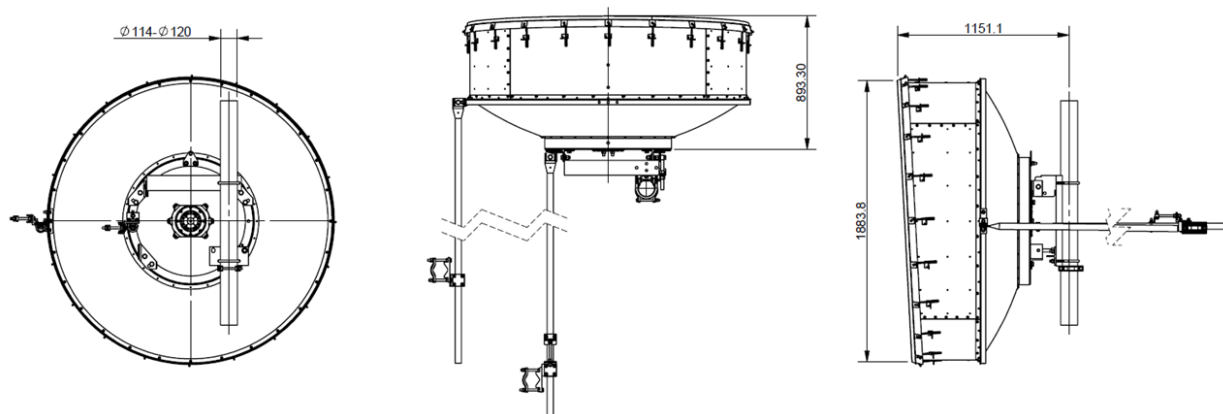
Reflector Construction		One-piece reflector
Adjustment	Azimuth	$\pm 5^\circ$
	Elevation	$\pm 5^\circ$
Packed Dimension	L / W / H	2010mm / 540mm / 2160mm
Packing		1 set in wood box
Net Weight		72Kg (158.7LB)
Gross Weight		130Kg (286.6LB)

MW-V18S10W

1.8m 10GHz High Performance Microwave Antenna

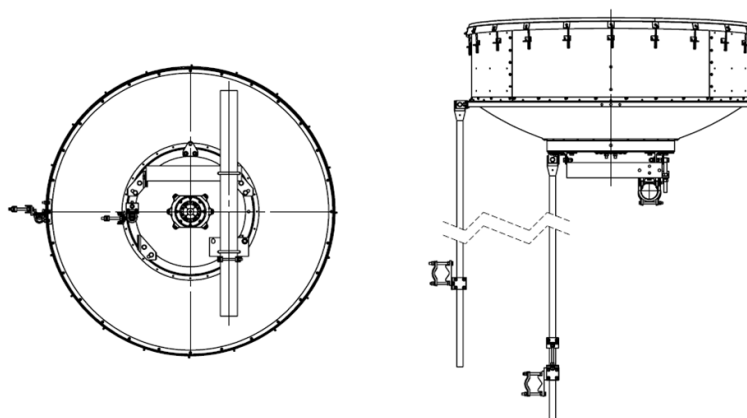
PROSE

Antenna Dimension (in mm) and Mounting Kit



Pole diameter	120 mm
Side struts, included	2

Wind Forces at Wind Velocity Survival Rating



Axial Force (FA)	10810 N
Side Force (FS)	3335 N
Twisting Moment (MT)	5804 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.