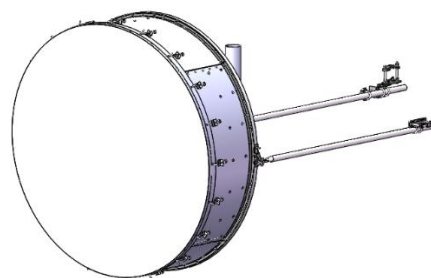


MW-V18D15

1.8m 15GHz High Performance Microwave Antenna

PROSE

- High Performance Antenna
- 14.40-15.35 GHz
- Dual-Polarized



Electrical Data

Operating Frequency		14.40-15.35 GHz
Gain*	Low	46.1 dBi
	Mid	46.4 dBi
	High	46.7 dBi
3dB BW (Azimuth & Elevation)		0.8 deg
Regulatory Compliance		ETSI 302 217 R2 Class3
RPE Number		RPE18-15
VSWR (Return Loss)		1.30 (-17.7 dB)
F/B Ratio		76 dB
XPD		30 dB
Polarization		Dual-polarized
Interface Waveguide Type		WR62 (BJ140)

* 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 112 mph
	Survival	252 km/h 157 mph

Mechanical Data

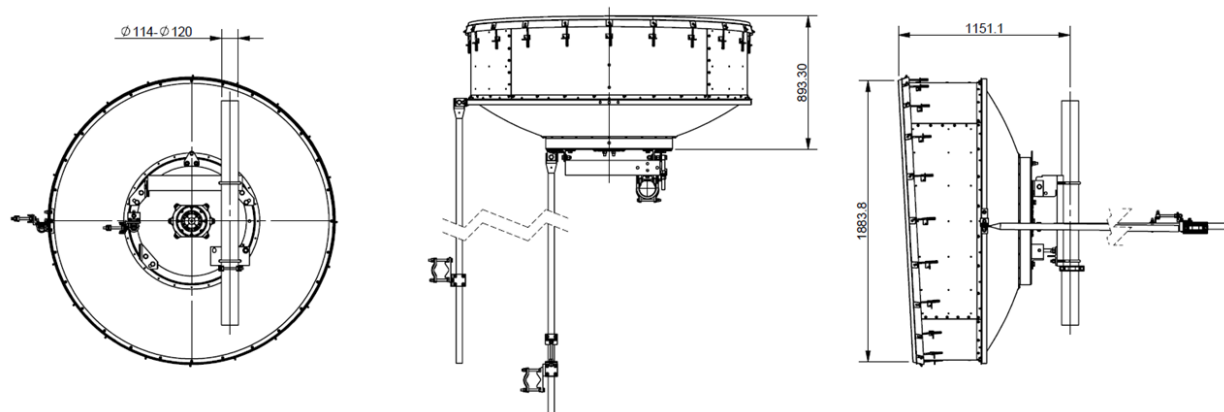
Reflector Construction		One-piece reflector
Adjustment	Azimuth	$\pm 5^\circ$
	Elevation	$\pm 5^\circ$
Packed Dimension	L / W / H	2010mm / 540mm / 2160mm 79.13in / 21.26in / 85.04in
Packing		1 set in wood box
Net Weight		72 kg 158.7 lb
Gross Weight		130 kg 286.6 lb

MW-V18D15

1.8m 15GHz High Performance Microwave Antenna

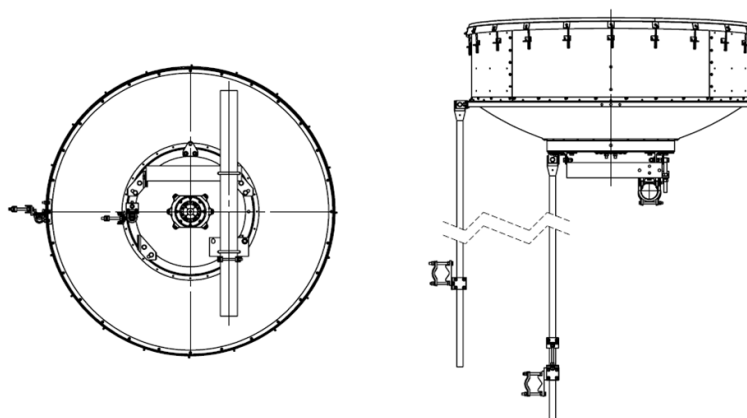
PROSE

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 2430 lb-f
Side Force (FS)	3335 N 750 lb-f
Twisting Moment (MT)	5804 N.M 4307 lb-ft
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.