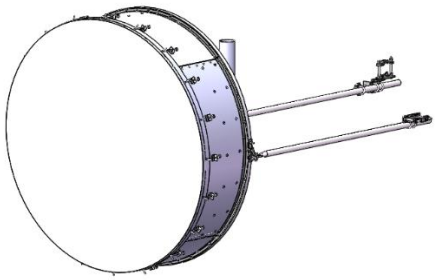
MW-V18D13

1.8m 13GHz High Performance Microwave Antenna

- High Performance Antenna
- 12.70-13.25 GHz
- Dual-Polarized



Electrical Data

Operating Frequency		12.70-13.25 GHz
Gain*	Low	44.8 dBi
	Mid	45.0 dBi
	High	45.2 dBi
3dB BW (Azimuth & Elevation)		0.9 deg
Regulatory Compliance		ETSI 302 217 R1 Class3 | US FCC Part 101A
RPE Number		RPE18-13
VSWR (Return Loss)		1.30 (-17.7 dB)
F/B Ratio		74 dB
XPD		30 dB
Polarization		Dual-polarized
Interface Waveguide Type		WR75 (BJ120)

*** Tolerance ： ±1.0dBi.**

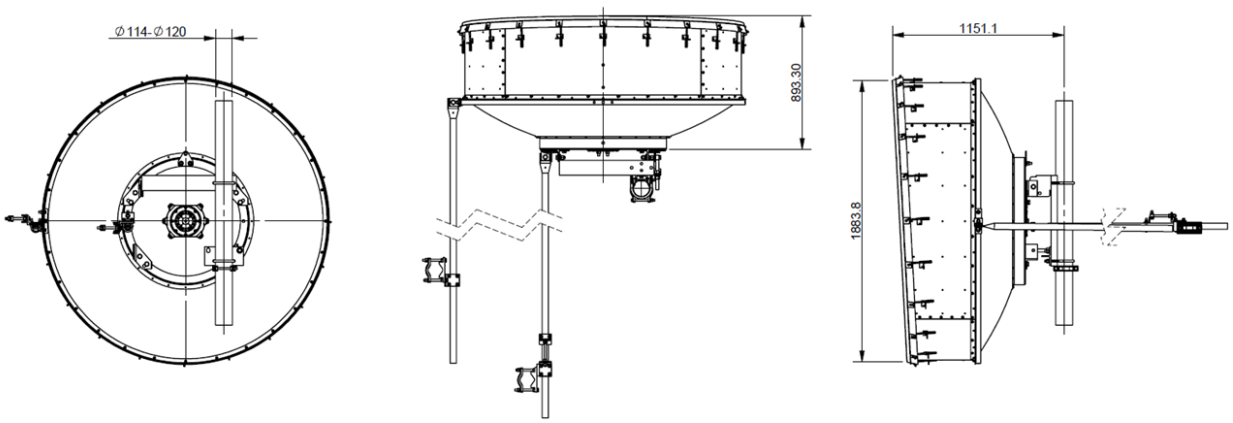
Environmental Data

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

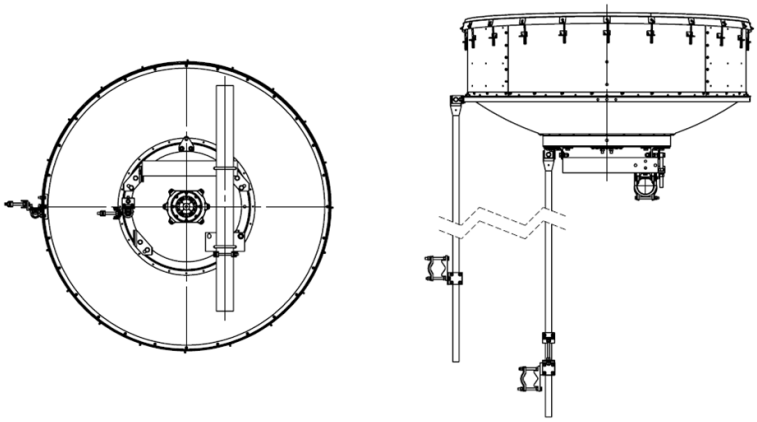
Reflector Construction		One-piece reflector
Adjustment	Azimuth	±5°
	Elevation	±5°
Packed Dimension	L / W / H	2010mm / 540mm / 2160mm
Packing		1 set in wood box
Net Weight		72Kg (158.7LB)
Gross Weight		130Kg (286.6LB)

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°