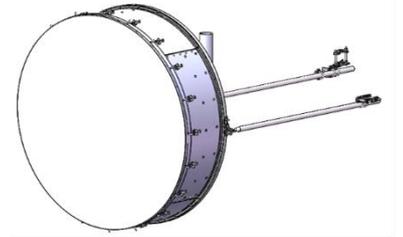


# MW-V18D6WD10W

6ft 6&10 GHz High Performance Dual-band Microwave Antenna

**PROSE**

- High Performance Dual-Band Antenna
- 5.925-7.125 GHz and 10.125-11.7 GHz
- Low-Band Dual-Polarized / High-Band Dual-Polarized



## Electrical Data

Operating Frequency		5.925-7.125 GHz	10.125-11.7 GHz
Gain*	Low	36.5 dBi	41.2 dBi
	Mid	37.3 dBi	42.0 dBi
	High	38.1 dBi	42.8 dBi
3dB BW (Azimuth & Elevation)		1.8 deg	1.1 deg
Regulatory Compliance		ETSI 302 217 R1 Class3	ETSI 302 217 R1 Class3
RPE Number		RPE18-6W-10W-LB	RPE18-6W-10W-HB
VSWR (Return Loss)		1.5 (-14 dB)	1.5 (-14 dB)
F/B Ratio		69 dB	73 dB
XPD		30 dB	30 dB
ISO		35 dB	35 dB
Polarization		Dual-polarized	Dual-polarized
Interface Waveguide Type		UDR70	UBR120

\* Tolerance :  $\pm 1$ dBi.

## Environmental Data

Operating Temperature		-55°C to +70°C
Storage Temperature		-55°C to +70°C
Wind resistance	Operational	180 km/h
	Survival	250 km/h

## Mechanical Data

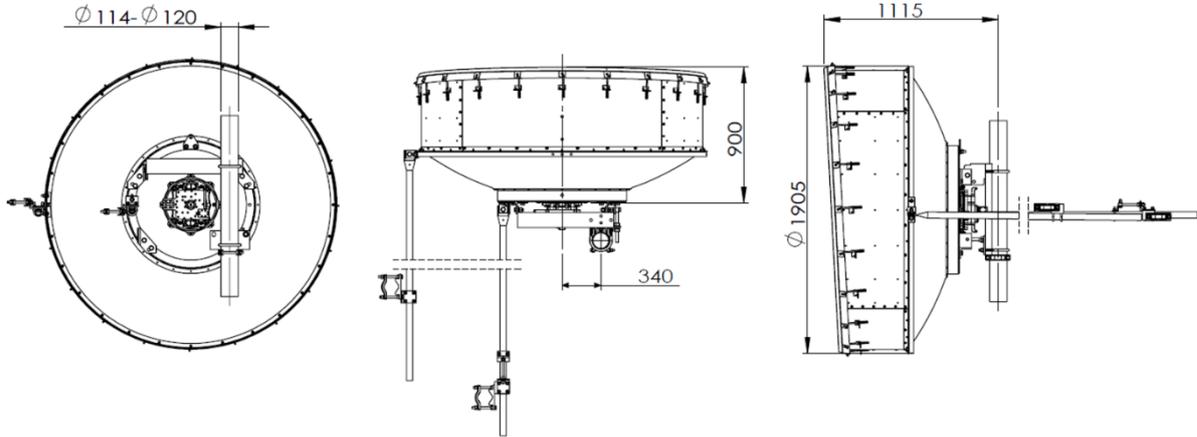
Reflector Construction		One-piece reflector
Adjustment	Azimuth	$\pm 5^\circ$
	Elevation	$\pm 5^\circ$
Packed Dimension	L / W / H	2280mm / 540mm / 2165mm (90in/21in/85in)
Packing		1 set in wood box
Net Weight		99.75Kg (219.9LB)
Gross Weight		157.75Kg (347.8LB)

# MW-V18D6WD10W

6ft 6&10 GHz High Performance Dual-band Microwave Antenna

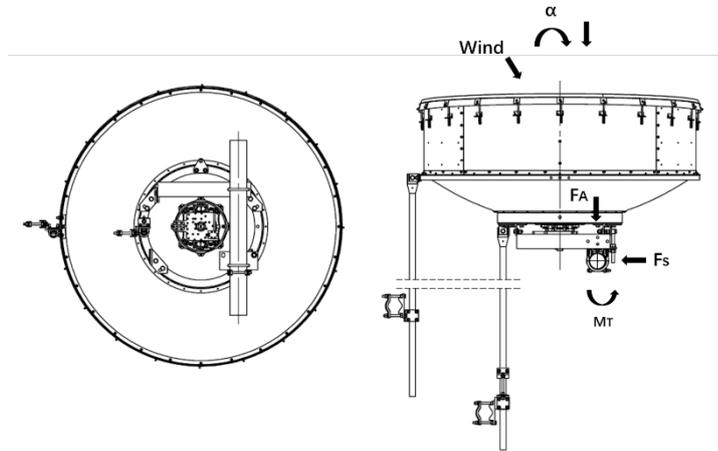
**PROSE**

## Antenna Dimension (in mm) and Mounting Kit



Pole diameter	114-120 mm ( 4.5- 4.7 in)
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 $\alpha$ 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.