

SINGLE BAND OMNI ANTENNA (470-786MHz)

470 – 786

H360° V32°

Fixed Tilt 0°

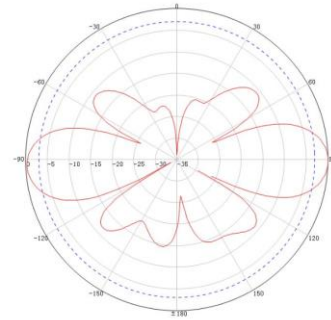
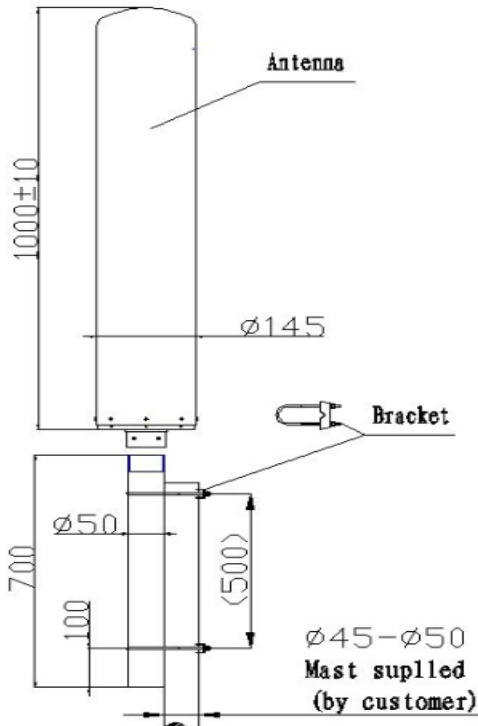
TA-470-O316-57NF-V

ELECTRICAL SPECIFICATIONS

Antenna Model	TA-470-O316-57NF-V
Polarization	Vertical
Frequency (MHz)	470 - 786
Horizontal Beam width	360°
Vertical Beam width	32° ± 10°
Gain (dBi)	5.2 ± 0.2 @ 470 - 520MHz 6.2 ± 0.2 @ 530 - 600MHz 7.2 ± 0.2 @ 610 - 786MHz
Vertical Electrical Tilt	FIXED 0°
VSWR	≤ 2.0 : 1
Maximum Power Per Input (W)	300
Impedance (Ω)	50

MECHANICAL SPECIFICATIONS

Connectors	N (F)
Mounting Pipe O.D.	45 – 50 mm (1.77 – 1.96 inch)
UV protection (Radome)	Fiber Glass
Survival Wind Speed km/h (mph)	200 (125)
Radome Color	Grey, paintable
Humidity	100%
Antenna Weight with Bracket kg (lbs)	5.4 (12)
Antenna Dimension mm (in) H X Dia	1000 X 145 (39.3 X 5.7)



H&V Pattern

