

Functional Description:

An antenna is a key part of wireless communication, converting RF signals to electromagnetic waves for transmission and back for reception, with its use in PTP or PMP systems defined by electrical and mechanical parameters.



Technical Specification

Electrical Parameter

Frequency	4.9 - 6.4 GHZ
Gain (dBi)	2*34
VSWR (MaX)	1.4:1(avg 1.5)
Cross Pol Suppression	>30
Polarization	Linear V & H
Port to Port isolation (dB)	> 30
Max Power Input (Watts)	50
Front to Back Ration (dB)	> 38
Safety Requirements	As Per IEC Standards
Mount	2XN(F) Or Customized
Beam Width (Degree)	6

Environmental parameters

Temperature Range	-50 to +70
Wind Load	787 N @ 200 km/h (177 lbf @125 mph)
Humidity	95% No Condensation

Mechanical Parameter

Dimension (MM)	1200MM
Antenna Material	Alloy (FE+AL)
Gross Weight (KG)	18
packing Dimension (inch)	48*48*12
Mounting Hardware	MS Galvanized & Power Coated
Mounting Style	Tower & Pole
Mounting Pole Diameter (MM)	100 Max
Mounting Adjustment	H Plane $\pm 45^\circ$ V Plane \pm Fine 10°

