



0.5 GHz – 2.5 GHz Frequency Band Directional Antenna

S.No	Parameter	Description
1	Frequency	0.5GHz-2.5GHz
2	Gain	>2.1dBi @0.5GHz >4.5dBi@1GHz >8.4dBi@2GHz >9.2dBi@2.5GHz
3	Beam width	95 deg (AZ)x 60 deg(EI) @ 0.5GHz 90 deg (Az) x 50 deg (EI) @ 1GHz 85 deg (Az) x 45 deg (EI) @ 2.5GHz
4	VSWR	2:1 @500MHz 1.5:1@above 1GHz
5	Size	Option 1: 180mm x220mmx1.6mm (without Radome) Option 2: 180mm x220mmx8.5mm (with Radome)
6	Polarization	Linear
7	Connector (Optional)	N-Type
8	Impedance	50 Ohm
9	Power Handling	200W
10	Radiation	ENDFIRE

- Note:** (a) **Antenna will be enclosed in FRP glass epoxy radome**
- (b) **Radome with Mil grade Paint** (Primer- MPC 50015 R3 Epoxy Grey Primer and Top Coat- IP6 9003-2PK Polyurethane Matt Black).
- (c) **Antenna Connector will be of Mil grade** to handle 200W of power

TE TECH SOLUTION

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