

5.1 - 5.9 GHz 19dBi 60 Degree 2x2 MIMO Sector Antenna

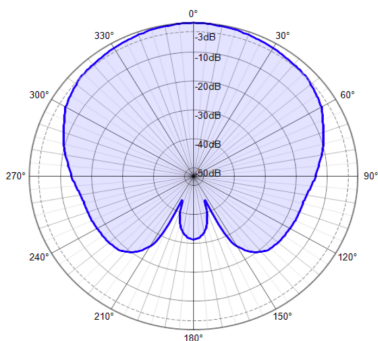
Electrical Parameters

Frequency (MHz)	5100 – 5900
Gain (dBi)	2 X 19±0.5
VSWR	1.5 : 1 (Typ)
	1.8 : 1 (Max)
H Plane BW (°)	60 ± 5 @ 3dB
	120 ± 5 @ 6dB
E Plane BW (°)	6 ± 1 @ 3dB
	4 ± 1 @ 6dB
Polarization	H & V
Port to Port Isolation (dB)	> 30
Max. Power Input (Watts)	50
Impedance (Ω)	50
Front to Back Ratio (dB)	>26
Cross Poln. (dB)	>22
Connector Termination	2 X N(F)
Lightning Protection	DC Ground

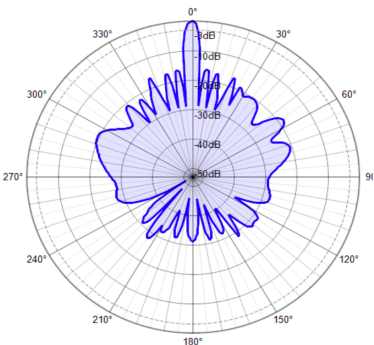
Mechanical Parameters

Dimension (mm)	820 X 165 X 90
Net Weight (Kg)	4±0.2
Radome	UPVC
Mounting Hardware	MS Galvanized & Powder Coated
Mounting Style	Pole
Supporting Pole Diameter	2-2.5 Inches
Mounting Adjustment	Azimuth ±180°, Elevation ±15°

TM55D-HVSCTR-19



H-Plane



E-Plane

Environmental Parameters

Temperature Range (°C)	(-) 40 to (+) 70
Wind Speed (km/hr)	200
Humidity	95% No Condensation
Ingress Protection	IP 65