

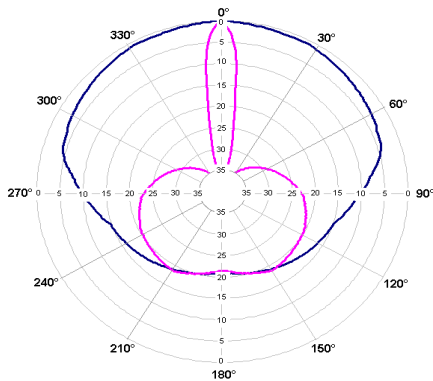
Dual Polarization Sector Antenna 4.9 - 5.9 GHz FOR WIRELESS COMMUNICATIONS

Electrical Parameters

Frequency (MHz)	4900 – 5900
Gain (dBi)	2 X 21±0.5
VSWR (Max)	1.6:1 @4.9-5.2GHz
	1.5:1 @5.2-5.9GHz
H Plane BW (°)	120±5 @-6dB
E Plane BW (°)	6±1 @-6dB
Polarization	Dual Linear V & H
Port to Port Isolation (dB)	> 28
Side Lobe Level (dB)	> 12
Max. Power Input (Watts)	50
Impedance (Ω)	50
Front to Back Ratio (dB)	>26
Cross Poln. (dB)	>26
Connector Termination	2 X N(F)
Lightning Protection	DC Ground

Mechanical Parameters

Dimension (mm)	750 X 170 X 90
Gross Weight (Kg)	3.5
Radome	UPVC
Mounting Hardware	Stainless Steel
Supporting Pole Diameter	50-60
Mechanical Down Tilt	20°



Environmental Parameters

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

TM55D-HVSCTR-21

