

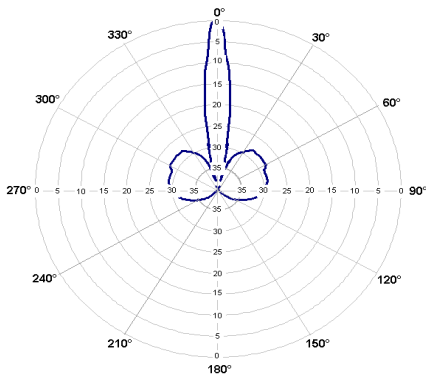
High Performance Dish Antenna 4.9 - 5.9 GHz, Dual Polarized, FOR WIRELESS COMMUNICATIONS

Electrical Parameters

Frequency (MHz)	4900 – 5900
Gain (dBi)	2 x 35±0.5
VSWR (Max)	1.5 : 1
H Plane BW (°)	3±0.2
E Plane BW (°)	3±0.2
Polarization	Linear V & H
Port to Port Isolation (dB)	> 30
Max. Power Input (Watts)	50
Impedance (Ω)	50
Front to Back Ratio (dB)	>36
Cross Poln. (dB)	>28
Connector Termination	2 x N(F) or Customized
Lightning Protection	DC Ground

Mechanical Parameters

Dimension (mm)	Ø 1200
Antenna Material	Aluminium Alloy
Gross Weight (Kg)	12±1
Packing Dimension (inch)	52 X 52 X 12
Mounting Hardware	MS Galvanized & Powder Coated
Mounting Style	Tower and Pole
Mounting Pole Diameter (inch)	2 - 3
Mounting Adjustment	H Plane ± 180°
	V Plane ± 15°



Environmental Parameters

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

Note that all 55L models will operate 4.9-6.0 GHz with slightly degraded specifications.

TM55L-DPDISH-35

