

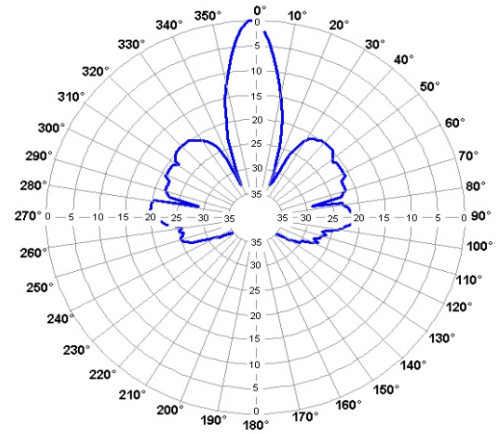


# High Performance Dish Antenna For Wireless Communication

## HF55-HVDISH-25-2x2MIMO



### Radiation Pattern



### Electrical Parameters

Frequency (MHz)	4900 – 5900
Gain (dBi)	2 x 25±0.5
VSWR (Max)	1.5 : 1
H Plane BW (°)	9±0.5
E Plane BW (°)	9±0.5
Polarization	Linear V & H
Port to Port Isolation (dB)	> 30
Max. Power Input (Watts)	100
Impedance (Ω)	50
Front to Back Ratio (dB)	>30
Cross Poln. (dB)	>28
Connector Termination	2 x N(M) with 1 mtr 0.141 semirigid extended cable
Lightning Protection	DC Grounded

### Mechanical Parameters

Dimension (mm)	Ø 450
Reflector Material	Galvanized steel
Finish	White Powder coated
Gross Weight (Kg)	2.5±0.3
Packing Dimension (inch)	14 X 14 X 6
Mounting Hardware	Galvanized
Mounting Style	Pole
Mounting Pole Diameter (inch)	2
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: Connector type and cable length are customizable as per requirement.