

Frequency Range	2x1710-2170 4x3300-3600
Polarization	±45°
Horizontal Beam Center	0°
Half-Power Beam Width	25°

Dual Band Cylinder 2x1710-2170/4x3300-3600 20dBi, 1 beam, 25-degree Antenna

Electrical Specifications

Frequency range (MHz)	2x1710-2170	4x3300-3600
Polarization	±45	
Gain (dBi)	15 ±1	17 ±1
Sidelobe Suppression (dB)	15	15
Horizontal Plane 3dB Beamwidth (°)	24±4	24±3
Horizontal Plane 10dB Beamwidth (°)	47±5	32±4
Vertical Plane 3dB Beamwidth (°)	26±4	15±3
Vertical Plane 10dB Beamwidth (°)	46±5	26±6
Horizontal beam centers (°)	0	
Beam Quantity	1	
VSWR	≤1.5	
Isolation Between Polarization (dB)	≥25	
Front to Back Ratio (dB)	≥25	
Intermodulation IM3 dBc (2×43dBm)	≤-150	
Power Rating (W)	12 x 180W	
Input Impedance (Ω)	50	
Lighting Protection	DC Ground	

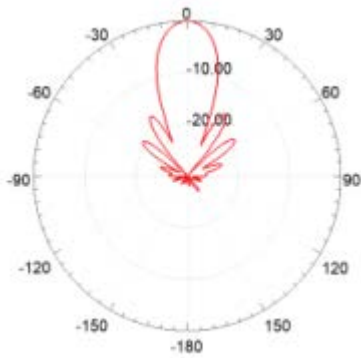


Mechanical Specifications

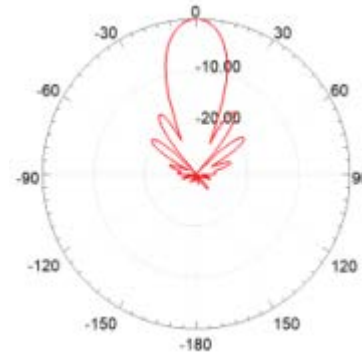
Radome Material	UPVC
Connector Type and Location	4.3-10 Female x12 Bottom
Mechanical Downtilt (°)	0-12
Dimensions, HxWxD (mm)	1426×400×400
Packing Size (mm)	1650×515×515
Net Weight (Kg)	18.2
Gross Weight (Kg)	28
Clip Weight (Kg)	5.8
Max. Wind Velocity(m/s)	55
Mounting hardware Diameter (mm)	∅ 40 mm ~ ∅ 114 mm
Operational Temperature(°C)	-40 to +70
Operational Humidity (%)	<95

Frequency Range	2x1710-2170 4x3300-3600
Polarization	$\pm 45^\circ$
Horizontal Beam Center	0°
Half-Power Beam Width	25°

Radiation Pattern (1710 -2170 MHz/3300-3600MHz)



Horizontal Pattern



Vertical Pattern