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CableFree 4G/5G Antennas Omnidirectional 3300-3800 MHz, 6dBi

29 August 2023

Specifications

2-Port Antenna	T1
Frequency Range	3300-3800
HBPW	360°

Electrical specifications	
	T1
Frequency Range(MHz)	3300-3800
Gain at mid Tilt(dBi)	6±1
VSWR	<1.5
Polarization	±45°
Return Loss	<14
Horizontal Pattern:	
Azimuth Beamwidth (°)	360
Cross Polar Discrimination over Sector (dB)	>12
Vertical Pattern:	
Vertical-3dB Beamwidth (°)	>20
Fix Downtilt (°)	3
First Upper Side Lobe Suppression (dB)	>16
Port to Port Isolation (dB)	>20
Max. Average Input Power per Port (W)	50
Impedance(ohms)	50

Ordering Information:

Part Number	CF-6MXE-360F-02
Description	CableFree 4G/5G Antenna, Omnidirectional 3300-3800 MHz, 6dBi

Mechanical Specifications

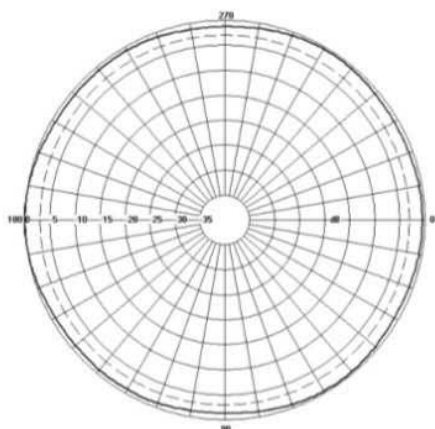
Connector Type	2x N-Female
Connector position	Bottom
Electrical grounding	RF connector grounded to reflector and mounting bracket
Radome Material	uPVC
Ingress protection	IP65
Wind Load, frontal	254N@160km/h 57lbf@100mph
Max. Wind speed	160km/h 100mph
Temperature Range	-40°+60°C
Antenna size	Φ89*600mm

Bracket Specifications

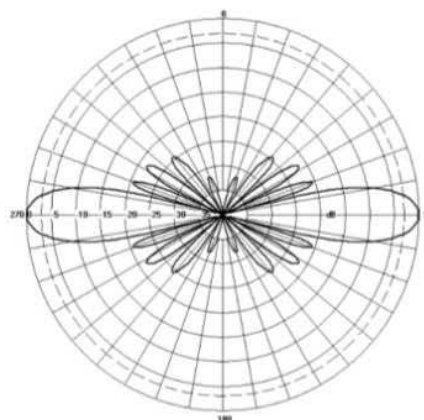
Material Type	Rolled steel hot galvanizing steel
Mechanical downtilt Angle	0-8°
Mounting rod range	50~115mm

Antenna Radiation Pattern

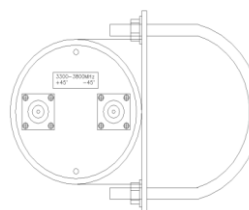
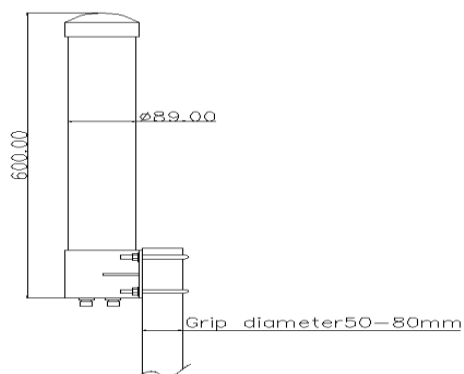
Vertical Pattern



Azimuth Pattern



Mechanical Drawing



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