



400~480 MHz 8dBi Fiberglass Omni Antenna

TQJ-400G8

Applications

Used in: TETRA System / Wireless Data transmission system/ Wireless Paging System

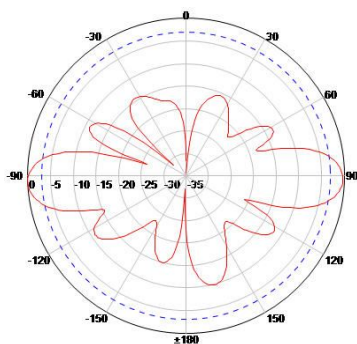
Electrical Specifications

Frequency Range (MHz)	400~480
Bandwidth-MHz	25
Polarization	Vertical
Gain (dBi)	8
Horizontal Power Beam Width(°)	360
Vertical Power Beam Width(°)	18
Non -Circularity(dB)	±1.5
Impedance (Ω)	50
VSWR	≤1.5
Maximum Input Power (W)	500
Lighting Protection	DC Ground

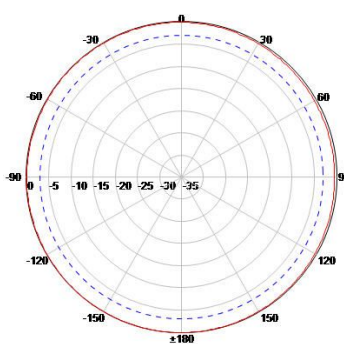
Mechanical Specifications

Connector Type	N-Female
Connector Position	Bottom
Antenna Size (mm)	φ 61×2665
Packing size (mm)	2760*110*130
Antenna Weight (kg)	5±0.3 (With bracket)
Radome	Fiberglass
Antenna Colour	White
Operating Temperature (°C)	-40~+70
Relative Humidity(%)	5~95
Rated Wind Velocity (m/s)	60
Salt Spray Resistance	96 Hour Salt Spray (GB/T 2423.17-2008)
Ingress Protection	IP24 Test without blocking water outlet
Mounting	Mast mounting (support mast shall be prepared by customer)
Suitable Pole Diameter	φ 40~ φ 60
Mounting Kit	JM-DB1

Typical pattern E Plane



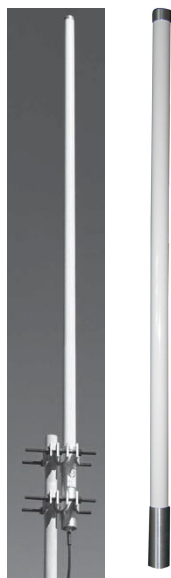
Typical pattern H Plane





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Product Pictures



Installation Sketch

