

**KBT**

1500~1670MHz 11dBi Fiberglass Omni Antennas

TQJ-1600G11

Applications

1.6GHz System, Wireless Data transmission system/ Wireless Paging System

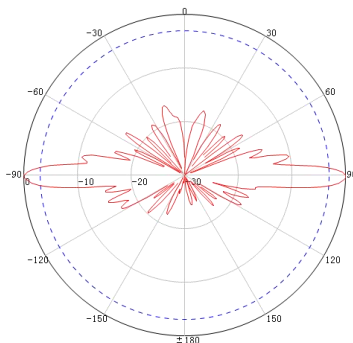
Electrical specifications-

Frequency range (MHz)	1500~1670
Bandwidth (MHz)	170
Polarization	Vertical
Gain (dBi)	11±1
Non -Circularity(dB)	±1.5
Horizontal Beamwidth(°)	360
Vertical Beamwidth(°)	8
Impedance (Ω)	50
VSWR	≤1.8
Maximum Input power (W)	200
Lighting protection	Direct Ground

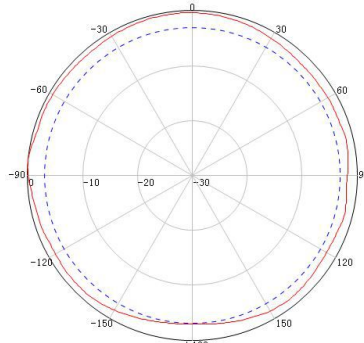
Mechanical specifications

Connector Type	N-Female
Connector position	Bottom
Antenna size (mm)	φ 50* (1900±20)
Packing size (mm)	1950*110*130
Antenna Weight (kg)	2±0.2 (exclude the bracket)
Radome material	Fiberglass
Radome color	White
Operating temperature (°C)	-40~+70
Relative Humidity(%)	5~95
Rated wind velocity (m/s)	60
Ingress Protection	IP24 Test without blocking water outlet
Mounting	Mast mounting(support mast shall be prepared by customer)
Suitable pole diameter	φ 40~ φ 50
Mounting kit	JM-1UI

Typical pattern E Plane



Typical pattern H Plane



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Product Pictures



Installation Sketch

