

**KBT**

5150-5850MHz 7dBi Fiberglass Omni Antenna

TQJ-5158G7F19U3

Applications

5.15-5.85GHz Band Communications/ Wireless Data transmission System/ Wireless Paging System.

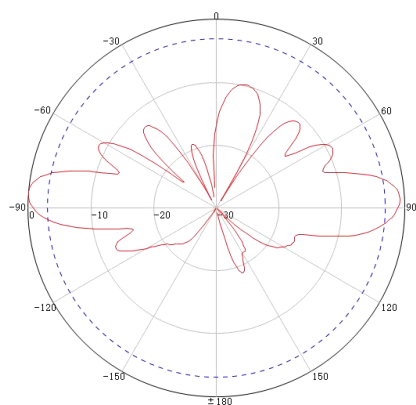
Electrical Specifications

Frequency Range(MHz)	5150~5850
Bandwidth(MHz)	700
Polarization	Vertical
Gain(dBi)	7
Horizontal Beam Width(°)	360
Vertical Beam Width(°)	15
Electrical UP (°)	3
Horizontal unroundness(dB)	± 1.5
Impedance (Ω)	50
VSWR	≤ 2
Maximum Input Power(W)	200

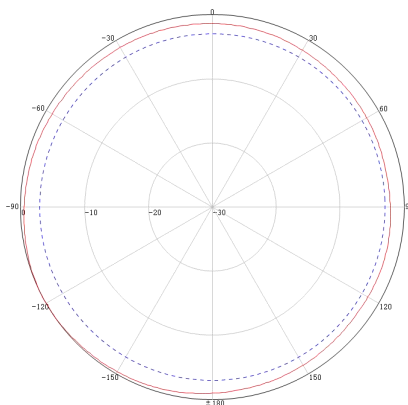
Mechanical Specifications

Connector Type	N Male
Connector Position	Bottom
Antenna Size (mm)	$\phi 21 * (360 \pm 5)$
Antenna Weight (g)	220 ± 50
Radome material	Fiberglass
Radome color	Gray or Black@Fiberglass(or Customized)
Operating Temperature(°C)	$-40 \sim +70$
Relative Humidity(%)	5~95
Rated Wind Velocity(m/s)	55
Salt Spray Resistance	96Hour Neutral (GB/T 2423.17-2008)
waterproofing grade	IP65
Applications	Outdoor
Mounting	mounting with piggyback device

Typical pattern E Plane



Typical pattern H Plane



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Product Pictures



Installation Sketch

