

**KBT**

5700~5850MHz 10dBi Fiberglass Omni Antenna

TQJ-58G10F19U3

Applications

5700-5850MHz Band Communications, Wireless Data transmission System.

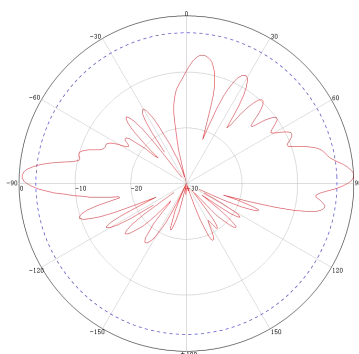
Electrical Specifications

Frequency Range (MHz)	5700~5850
Band Width (MHz)	150
Polarization	Vertical
Gain (dBi)	10
Omni Ripple(dB)	± 1.5
Horizontal Beam Width($^{\circ}$)	360
Vertical Beam Width($^{\circ}$)	10
Electrical UP ($^{\circ}$)	3
Impedance (Ω)	50
VSWR	≤ 1.5
Maximum Input Power (W)	200

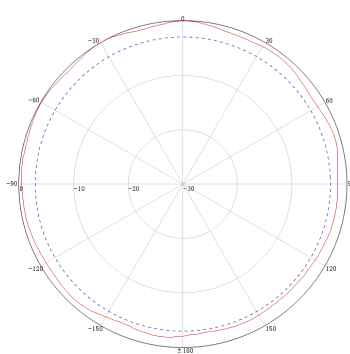
Mechanical Specifications

Connector Type	N Male
Connector Position	Bottom
Antenna Size (mm)	$\phi 21 * (600 \pm 5)$
Antenna Weight (g)	270 ± 50
Radome Material	Fiberglass
Antenna Colour	Gray or Black@Fiberglass (or Customized)
Operating Temperature ($^{\circ}\text{C}$)	$-40 \sim +70$
Storage Temperature ($^{\circ}\text{C}$)	$-45 \sim +80$
Relative Humidity(%)	5~95
Salt Spray Resistance	96 Hour Neutral (GB/T 2423.17-2008)
Ingress Protection	IP65 (Block the leaking hole test)
Rated Wind Velocity (m/s)	55
Applications	Outdoor
Mounting	The Antenna can be directly connected to the device

Typical pattern E Plane



Typical pattern H Plane



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Product Pictures



Installation Sketch

