

**KBT**

480-580MHz 3dBi Fiberglass Omni Antenna

TQJ-048058G3F20

Applications

480-580MHz Band Communications/ Wireless Data transmission System/ Wireless Paging System.

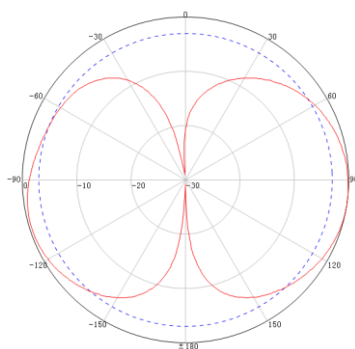
Electrical Specifications

Frequency Range (MHz)	480~580
Bandwidth(MHz)	100
Polarization	Vertical
Gain (dBi)	3 ± 1
Horizontal Beam Width(°)	360
Vertical Beam Width(°)	65 ± 25
Horizontal unroundness(dB)	± 1.5
Impedance (Ω)	50
VSWR	≤ 2 , $\leq 1.8@480-540$
Maximum Input Power (W)	200

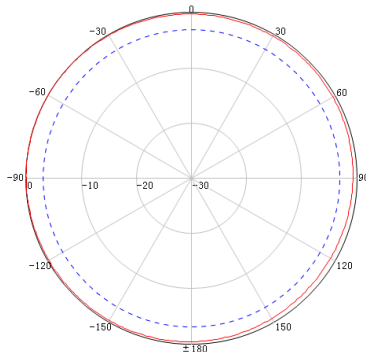
Mechanical Specifications

Connector Type	N Male
Connector Position	Bottom
Antenna Size (mm)	$\phi 24* (425\pm 5)$
Antenna Weight (Kg)	0.207 ± 0.05
Radome material	Fiberglass
Radome color	Gray@Fiberglass
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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480-580MHz 3dBi Fiberglass Omni Antenna Product Pictures



Installation Sketch

