

**KBT**

380~470MHz 3dBi Fiberglass Omni Antennas

TQJ-400AG3

Applications

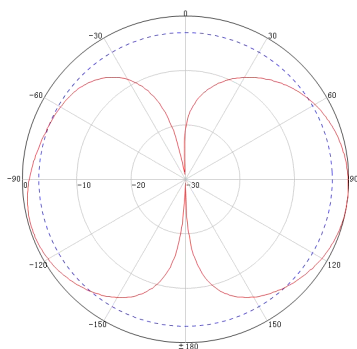
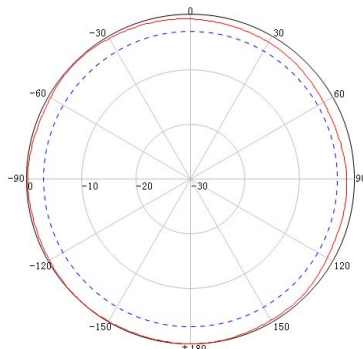
UHF Band Communications System

Electrical Specifications

Frequency Range (MHz)	380~470
Band Width (MHz)	90
Polarization	Vertical
Gain (dBi)	3 ± 1
Omni Ripple(dB)	± 1.5
Horizontal Beam Width(°)	360
Vertical Beam Width(°)	65 ± 25
Impedance (Ω)	50
VSWR	≤ 1.8
Maximum Input Power (W)	100

Mechanical Specifications

Connector Type	FME Female
Connector Position	Bottom-end of the Cable
Cable Length(mm)	5000 ± 10
Antenna Size (mm)	$\phi 23^* (400\pm 10)$
Antenna Weight (g)	350 ± 10 (exclude the bracket)
Radome Material	Fiberglass
Antenna Colour	White
Operating Temperature (°C)	$-40\sim +70$
Storage T Temperature (°C)	$-45\sim +80$
Relative Humidity(%)	5~95
Salt Spray Resistance	96Hour Neutral (GB/T 2423.17-2008)
Rated Wind Velocity (m/s)	60
Ingress Protection	IP65 (Except the outlet hole)
Applications	Indoor Or Outdoor
Mounting	Diagram of Wall

Typical pattern E Plane**Typical pattern H Plane**



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Product Pictures



Installation Sketch

