

**KBT**

156~163MHz 3dBi Fiberglass Omni Antennas

TQJ-150AG3

Applications

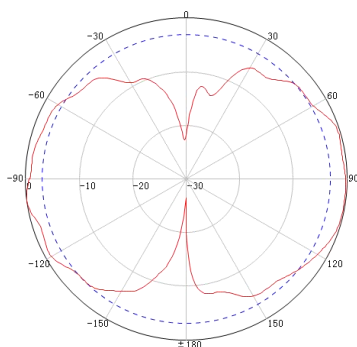
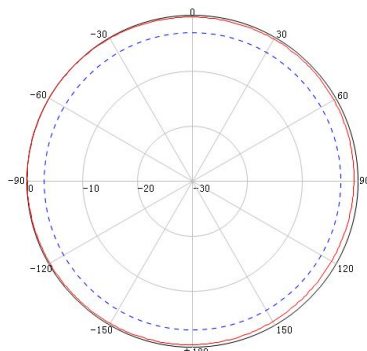
Marine Communications System / Wireless Data transmission system/ Wireless Paging System

Electrical Specifications

Frequency Range (MHz)	156~163
Band Width (MHz)	7
Polarization	Vertical
Gain (dBi)	3
Horizontal Beam Width(°)	360
Vertical Beam Width(°)	65±15
Omni Ripple(dB)	±1.5
Impedance (Ω)	50
VSWR	≤2.0
Maximum Input Power (W)	150

Mechanical Specifications

Connector Type	N Female
Connector Position	Bottom
Antenna Size (mm)	φ 36* (1200±5)
Packing Size (mm)	1400*90*110
Antenna Weight (kg)	0.98
The Bracket Weight (kg)	0.45
Radome Material	Fiberglass
Antenna Colour	White
Operating Temperature (°C)	-40~+70
Relative Humidity(%)	5~95
Rated Wind Velocity (m/s)	60
Salt Spray Resistance	96 Hour Neutral (GB/T 2423.17-2008)
Ingress Protection	IP65 (Except the outlet hole)
Applications	Outdoor
Mounting (Suitable Pole Diameter)	Mast mounting (support mast shall be prepared by customer) φ 35~ φ 50
Mounting Kit	JM-2UI

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



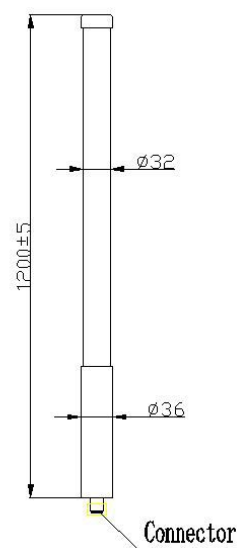
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Product Pictures



Dimensional drawings



Installation Sketch

