KBT 806～866MHz 10.5dBi Fiberglass Omni-directional Antenna

TQJ-800AII-M

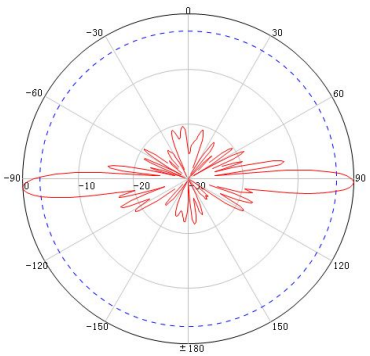
Application

Used in: Wireless Data transmission system/Wireless Paging System

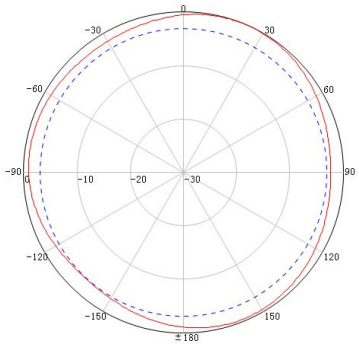
Electrical Specifications	
Frequency Range (MHz)	806～866
Polarization	Vertical
Gain (dBi)	10.5
Horizontal Beam Width (°)	360
Vertical Beam Width(°)	7
Omni Ripple(dB)	±1.5
Impedance (Ω)	50
VSWR	≤1.5
Intermo Dulation IM3 (2×43dBm carrier)	≤-150 dBc
Maximum Power (W)	250
Ground Protection	DC Grounding
Mechanical Specifications	
Connector Type	7/16DIN-K
Connector Position	Bottom
Depth/ Height (mm)	φ60*（3160±5）
Packing Size (mm)	3310*110*120
Weight (kg)	4±0.2(exclude the bracket)
Radome Material	Fiberglass
Radome Color	White
Operating Temperature (℃)	-40～65
Relative Humidity%	5～95
Rated wind Velocity (m/s)	60
Ingress Protection	IP24（IP65 Test without blocking water outlet）
Applications	Outdoor
Uitable pole Diameter (mm)	Mast(Mast Supplied by customer,φ40-φ50)
Mounting Kit	JM-1UI or JM-1DB

Typical pattern

806～866MHz E Plan



806～866MHz H Plan



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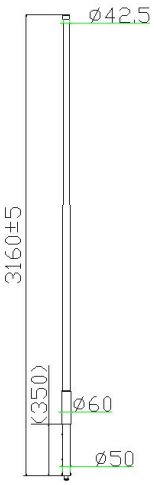
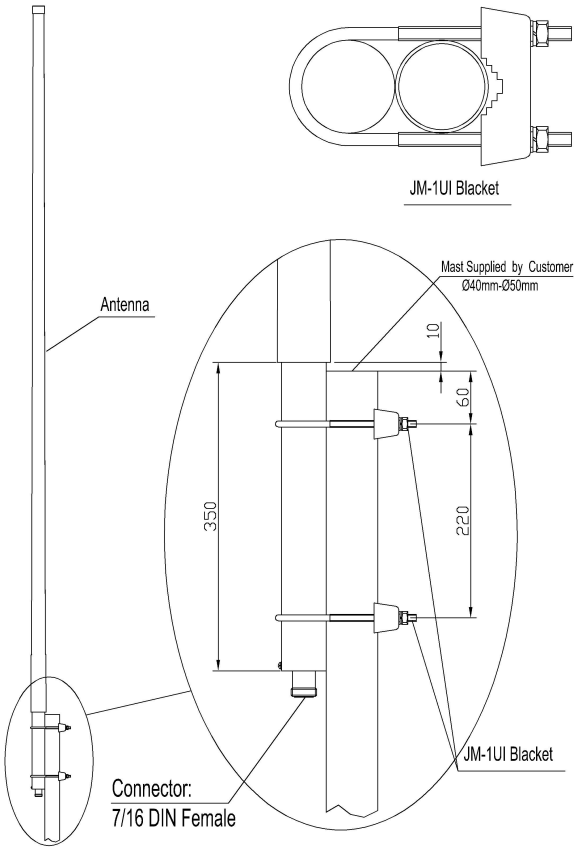
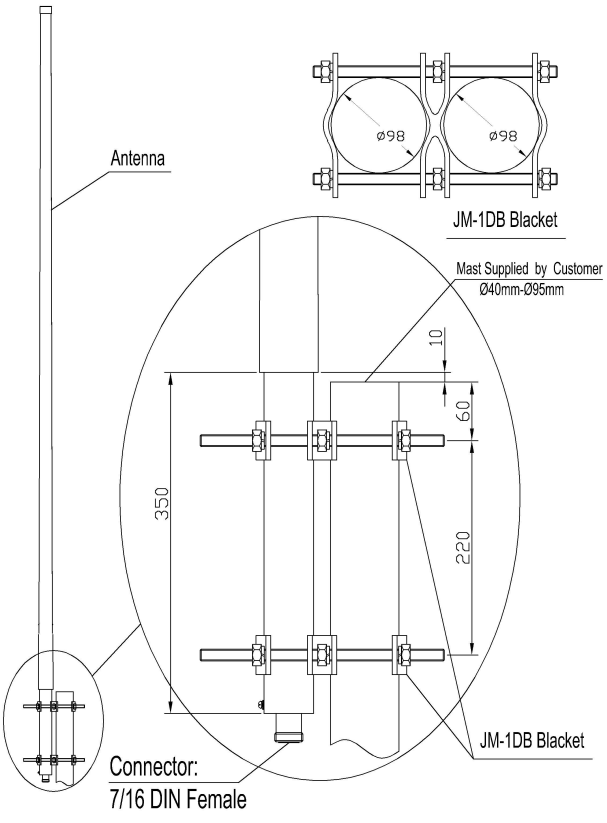
Product Picture

Product Size



Installation Sketch





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