

**KBT**

746-896MHz 10dBi Yagi Antenna

TDJ-08Z8A

Applications

746-896MHz Band Communications/ Wireless Data transmission System/ Wireless Paging System

Electrical Specifications

Number of Elements	8
Frequency Range (MHz)	746~896
Band Width (MHz)	150
Polarization	Vertical or Horizontal
Gain (dBi)	10
Avg.Horizontal Beam Width(°)	56
Avg.Vertical Beam Width(°)	45
Typical F/B(dB)	16
Impedance (Ω)	50
VSWR	≤ 1.8
Maximum Input Power (W)	300

Mechanical Specifications

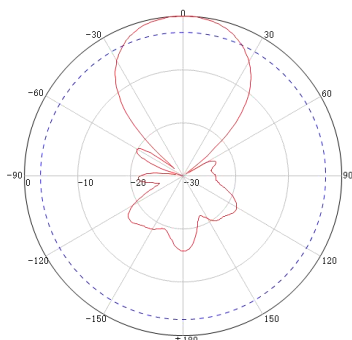
Connector Type	N Female
Connector Position	Bottom
Antenna Size (mm)	L:760 $\pm$ 5, W:201
Antenna Weight (kg)	2.3 $\pm$ 0.1 (With the Bracket)
Antenna Colour	Black
Operating Temperature (°C)	-40~+70
Relative Humidity(%)	5~95
Rated Wind Velocity (m/s)	78.23
Salt Spray Resistance	576Hour Neutral (GB/T 2423.17-2008)
Ingress Protection	IP65
Applications	Outdoor
Mounting (Suitable Pole Diameter)	Mast mounting(support mast shall be prepared by customer) $\phi 35 \sim \phi 50$

*Each antenna has a rugged, fully welded design to withstand harsh environmental conditions.

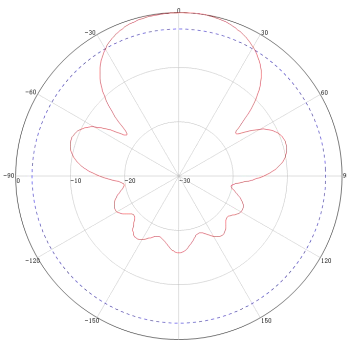
*Our antennas can be black anodized, . **Lightning Protection:DC Ground.**

*The mounting hardware supplied allows either vertical or horizontal polarization.

Typical pattern E Plane



Typical pattern H Plane



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Product Pictures

**Installation Sketch**