



TQJ-450DQ-AP600

Applications

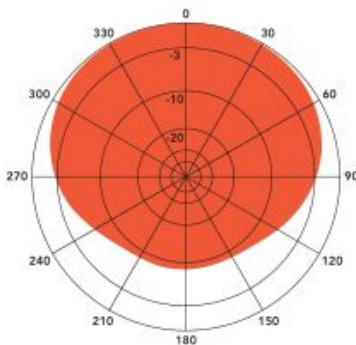
UHF Band TETRA Communications/ Wireless Data transmission syste/ Wireless Paging System

Electrical Specifications

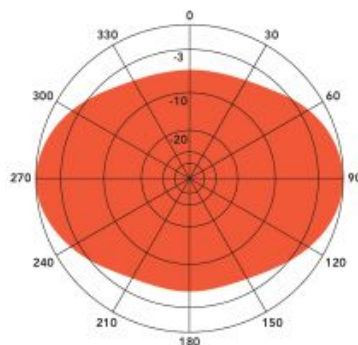
Frequency Range (MHz)	406~512
Polarization	Vertical
Gain (dBd) (depend on pattern)	6~9
Vertical Beam Width(°)	16
Impedance (Ω)	50
VSWR	≤ 1.5
Maximum Input Power (W)	600
Lighting Protection	DC Ground

Mechanical Specifications

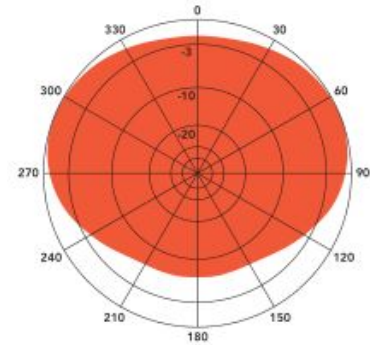
Connector Type	N-Female
Connector Position	Bottom-end of the cable
Antenna Size (mm)	2610×330
Antenna Weight (kg)	11.5±0.05 (exclude the bracket)
Antenna Colour	Primary Colour
Operating Temperature (°C)	-40~+70
Relative Humidity(%)	5~95
Rated Wind Velocity (m/s)	60
Ingress Protection	IP65
Mounting	Mast mounting (support mast shall be prepared by customer)
Suitable Pole Diameter	$\phi 50 \sim \phi 60$
Mounting Kit	JM-DB

Typical Pattern

H-plane:Gain9.1dBd
1/4 λ .spacing from tower



H-plane:Gain9.1dBd
1/2 λ .spacing from tower



H-plane:Gain8.5dBd
3/8 λ .spacing from tower

(Adjustable:Offset circular, cardioid, or bidirectional)



Product Pictures



Installation Sketch

