

TQJ-400DQ-1

1-Element Dipole Array Antennas

Technical Sheet



Applications

- UHF Band TETRA Communications
- Wireless Paging System
- Wireless Data transmission system
- Wireless Video System

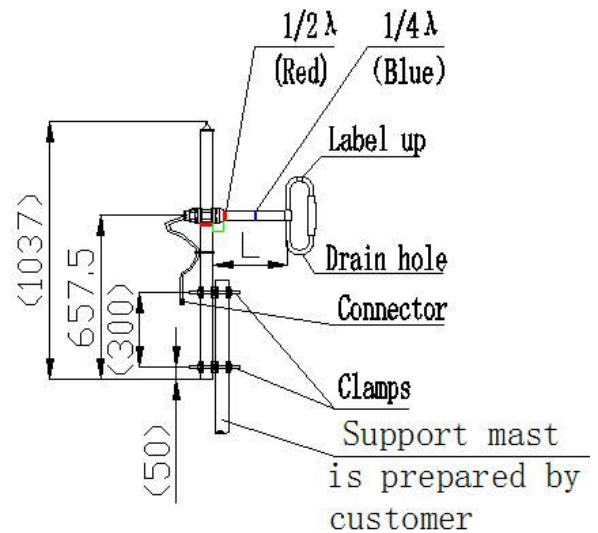
Features

- Broad Band, Low VSWR
- Low Gain
- 1-element dipole array antennas
- 300W High Power
- Pattern Adjustable Offset circular, cardioids, or bidirectional

Specifications

Model	TQJ-400DQ-1
Freq.Range -MHz	380~470
Gain (dependent on pattern)	1~2.5dBd
Ver.Beamwidth -°	72
VSWR	≤1.5
Impedance-Ω	50
Max.Power-W	300
Polarization	Vertical
Connector	N Female or 7/16DIN(OPT.) on harness feed cable
Dimensions(H×D)-mm	1037×440
Weight(antenna+clamps)-Kg	3.2
Lightning Protection	DC Grounded
Wind rating -m/s	60
Note: The antenna exclude the bracket, The antenna mast and support mast shall be prepared by customer.	

Installation Sketch



$1/4\lambda, L=174\pm 10\text{mm}$	H-plane, GAIN: 2.5dBd
$1/2\lambda, L=300\pm 10\text{mm}$ (Spacing from Tower)	H-plane, GAIN: 2.5dBd

The antenna mast and support mast shall be prepared by customer.



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