

# 575-3800MHz N TYPE HYBRID COUPLER

## TS-400DQ

### 4-Element Dipole Array Antennas

## Technical Sheet

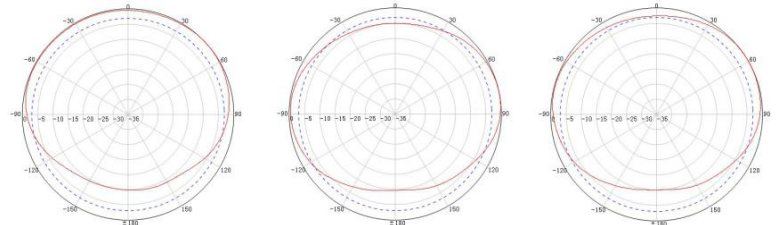


### Applications

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

### Features

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



H-plane:Gain9.1dBd

H-plane:Gain9.1dBd

H-plane:Gain8.5dBd

1/4Wl.spacing from tower

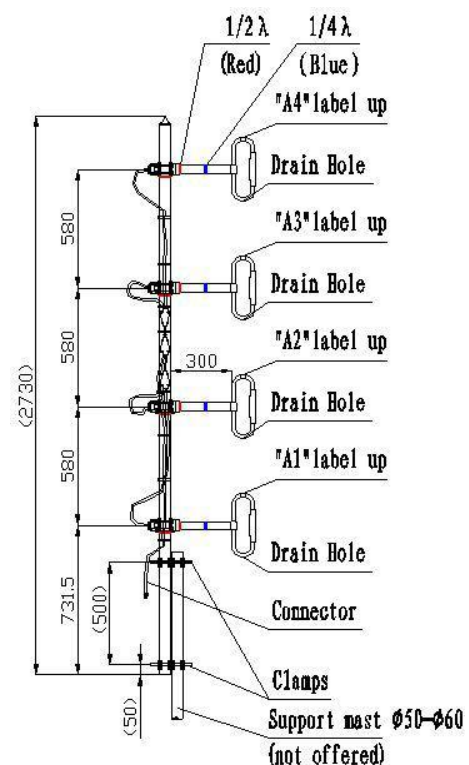
1/2Wl.spacing from tower

3/8Wl.spacing from tower

### Specifications

Model	TS-400DQ
Freq.Range -MHz	380~470
Gain (dependent on pattern)	6~9dBd
Ver.Beamwidth -°	16
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	2730×400
Weight(antenna+clamps)-Kg	11.5
Lightning Protection	DC Grounded
Wind rating -m/s	60
Support mast is customer-supplied , (Mast Supplied by customer)	

### Installation Sketch



(Harness not shown)Support mast is customer-supplied