

# SINGLE BAND PANEL ANTENNA

## TA-3550-S500-14.5-90D

|              |
|--------------|
| 3300-3800MHz |
| H90° V8°     |
| Tilt 0°      |

### DESCRIPTION

- Directional antenna
- Dual slant polarized
- Dual port

### ELECTRICAL SPECIFICATIONS

|                          |                              |
|--------------------------|------------------------------|
| Antenna Model            | TA-3550-S500-14.5-90D        |
| Polarization             | Dual Slant $\pm 45^\circ$    |
| Frequency Band (MHz)     | 3300-3800                    |
| Gain (dBi)               | 14.5 $\pm$ 1                 |
| Horizontal Beamwidth     | 90 $\pm$ 5 $^\circ$          |
| Vertical Beamwidth       | 8 $\pm$ 2 $^\circ$           |
| VSWR                     | 1.5:1                        |
| Isolation (dB)           | >25                          |
| Front-to-Back Ratio (dB) | >25                          |
| Cross Polar (dB) Typ.    | >15                          |
| Connector                | 2x Din Female or 2x N Female |
| Power Handling (W)       | 90                           |

### MECHANICAL SPECIFICATIONS

|                                |                                   |
|--------------------------------|-----------------------------------|
| Dimensions H x W x D mm / (in) | 673 x 152 x 94 / (26.5 x 6 x 3.7) |
| Antenna Weight kg / (lbs)      | 1.8 / (4)                         |
| Connector Position             | Bottom                            |
| Mounting Pipe O.D. mm / (in)   | 50 x 90 / (1.96 x 3.54)           |
| Tilt Mechanism                 | 0 - 10                            |
| Radome                         | UV Stabilized ASA                 |
| Temperature Range              | -40 $^\circ$ to +60 $^\circ$ C    |
| Wind Speed km/h / (m/h)        | 160 / (100)                       |



### ANTENNA PATTERN

