

# SINGLE BAND PANEL ANTENNA TETRA 400 MHz

## AT30-667TX

380 – 470

H120° V19°

Fixed Tilt 0°

### ELECTRICAL SPECIFICATIONS

### TETRA SYSTEM

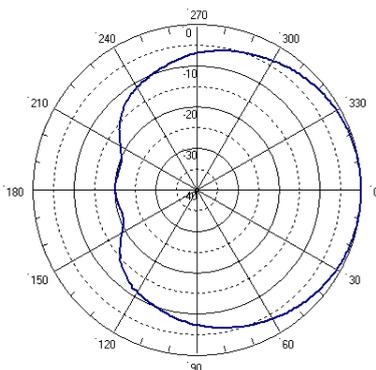
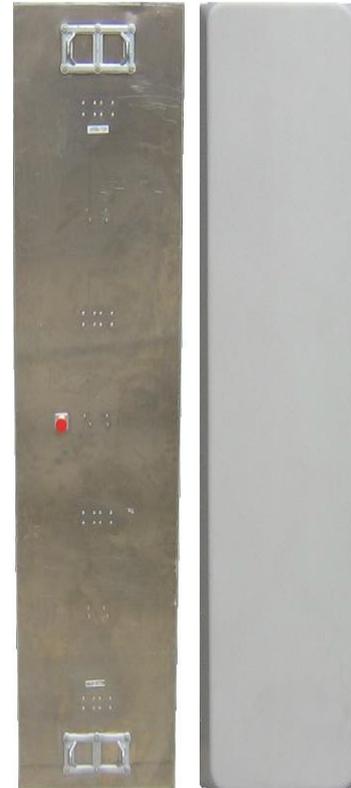
|  |                  |
|--|------------------|
| Antenna Model                          | AT30-667TX       |
| Polarization                           | Vertical         |
| Frequency (MHz)                        | <b>380 – 470</b> |
| Horizontal 3 dB Beamwidth              | 120°             |
| Vertical 3 dB Beamwidth                | 19°              |
| Gain (dBi)                             | 11.5             |
| Vertical Electrical Tilt               | FIXED 0°         |
| Front-to-Back Ratio /Cpol @ ± 20° (dB) | > 20             |
| VSWR                                   | < 1.5 : 1        |
| Cross Polar Ratio @ ± 60°              | >25              |
| Maximum Power Per Input (W)            | 500              |
| Intermodulation (dBc)                  | < - 150          |
| Impedance (Ω)                          | 50               |

### MECHANICAL SPECIFICATIONS

|   |                                   |
|---|-----------------------------------|
| Connectors                                      | 1 X 7/16 Female                   |
| Connector Position                              | Rearside                          |
| Survival Wind Speed km/h (mph)                  | 200                               |
| Front Windload<br>N @ 160 km/h (lbs @ 100mph)   | 1040 (234)                        |
| Lateral Windload<br>N @ 160 km/h (lbs @ 100mph) | 500 (113)                         |
| Radome Color                                    | Grey, paintable                   |
| Humidity  | 100%                              |
| Antenna Weight kg (lbs)                         | 9.5 (21)                          |
| Antenna Dimension<br>mm (in) H X W X D          | 1900 X 300 X 190<br>(75 x 12 x 7) |

### SHIPPING SPECIFICATIONS

|  |                                    |
|--|------------------------------------|
| Antenna Dimension<br>mm (in) H X W X D | 1945 X 360 X 320<br>(77 x 14 x 13) |
| Antenna Weight kg (lbs)                | 18.5 (41)                          |



H&V Pattern

