

SINGLE BAND PANEL ANTENNA TETRA 400 MHz

AT30-666TX

380 – 470

H90° V19°

Fixed Tilt 0°

ELECTRICAL SPECIFICATIONS

TETRA SYSTEM

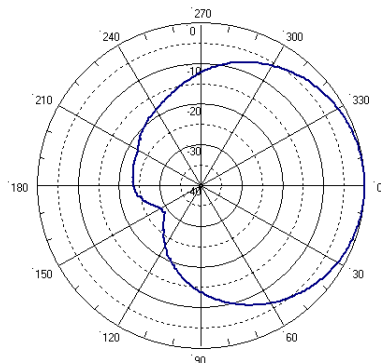
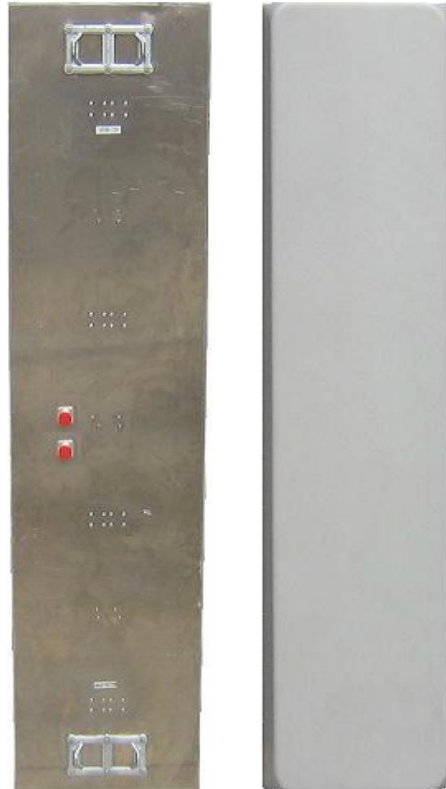
Antenna Model	AT30-666TX
Polarization	±45°
Frequency (MHz)	380 - 470
Horizontal 3 dB Beamwidth	90°
Vertical 3 dB Beamwidth	19°
Gain (dBi)	12.9
Vertical Electrical Tilt	FIXED 0°
Front-to-Back Ratio /Cpol @ ± 20° (dB)	> 20
VSWR	< 1.5 : 1
Isolation Between Ports	>30
Cross Polar Ratio @ ± 60°	>20
Maximum Power Per Input (W)	500
Intermodulation (dBc)	< - 150
Impedance (Ω)	50

MECHANICAL SPECIFICATIONS

Connectors	2 X 7/16 Female
Connector Position	Rearside
Survival Wind Speed km/h (mph)	200
Front Windload N @ 160 km/h (lbs @ 100mph)	1615 (363)
Lateral Windload N @ 160 km/h (lbs @ 100mph)	395 (89)
Radome Color	Grey, paintable
Humidity	100%
Antenna Weight kg (lbs)	15.5 (34)
Antenna Dimension mm (in) H X W X D	1900 X 500 X 190 (75 x 20 x 7)

SHIPPING SPECIFICATIONS

Antenna Dimension mm (in) H X W X D	1945 560 X 320 (77 x 22 x 13)
Antenna Weight kg (lbs)	25.5 (56)



H&V Pattern

