

SINGLE BAND PANEL ANTENNA TETRA 400 MHz

AT30-664TX

 380 – 470

H65° V19°

 Fixed Tilt 0°

ELECTRICAL SPECIFICATIONS

TETRA SYSTEM

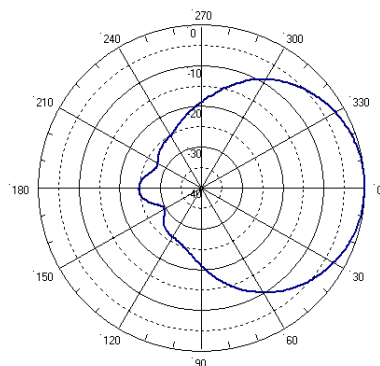
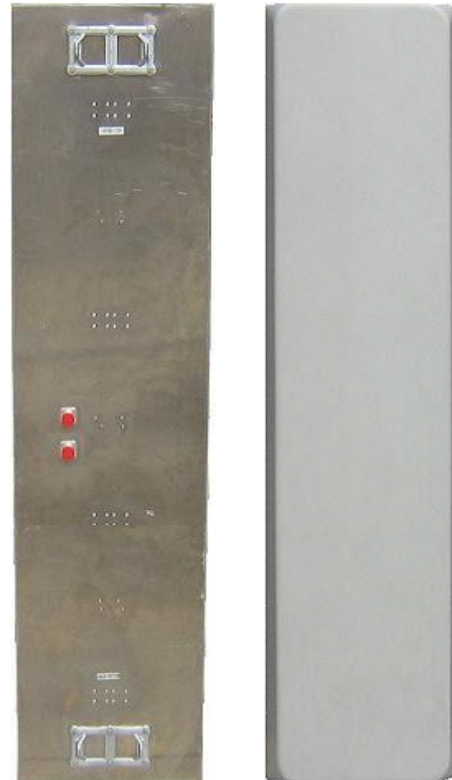
Antenna Model	AT30-664TX
Polarization	±45°
Frequency (MHz)	380 - 470
Horizontal 3 dB Beamwidth	65°
Vertical 3 dB Beamwidth	19°
Gain (dBi)	14.2
Vertical Electrical Tilt	FIXED 0°
Front-to-Back Ratio /Cpol @ ± 20° (dB)	> 25
VSWR	< 1.5 : 1
Isolation Between Ports	>30
Cross Polar Ratio @ ± 60°	>15
Maximum 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 (89)
Lateral Windload N @ 160 km/h (lbs @ 100mph)	395 (89)
Radome Color	Grey, paintable
Humidity	100%
Antenna Weight kg (lbs)	16 (35)
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 X 560 X 320 (77 x 22 x 13)
Antenna Weight kg (lbs)	26 (57)



H&V Pattern

