

SINGLE BAND PANEL ANTENNA

BAND 700 MHz

AT39-664TX

698 - 896
H67° V11°
Fixed Tilt 0°,2°,4°,6°

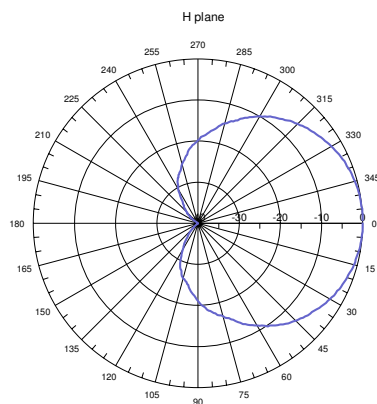
ELECTRICAL SPECIFICATIONS

BAND 700

Antenna Model	AT39-664TX
Polarization	± 45°
Frequency (MHz)	698-896
Horizontal Beamwidth	67°
Vertical Beamwidth	11°
Gain (dBi)	16
Vertical Electrical Tilt	FIXED 0°,2°,4°,6°
Upper Sidelobe Suppression for the 1 st lobe above main beam (dB)	18
Front-to-Back Ratio @ 180° ± 20° (dB)	30
VSWR	< 1.4 : 1
Cross Polar Ratio @ ± 60° (dB) <i>Typically</i>	9
Isolation Between Ports	> 30
Maximum Power Per Input (W)	500
Intermodulation (dBc)	< - 150
Impedance (Ω)	50

MECHANICAL SPECIFICATIONS

Connectors	2 X 7/16 Female
Connector Position	Bottom
Survival Wind Speed km/h (mph)	200 (125)
Front Windload N @ 160 km/h (lbs @100 mph)	1045 (235)
Lateral Windload N @ 160 km/h (lbs @100 mph)	205 (46)
Radome Color	Grey, paintable
Humidity	100%
Antenna Weight kg (lbs)	19 (42)
Antenna Dimension mm (in) H X W X D	1985 X 324 X 113 (78 X 13 X 4)



H&V Pattern

