

SINGLE BAND PANEL ANTENNA

BAND 800 + 900 MHz

AT40-663TX

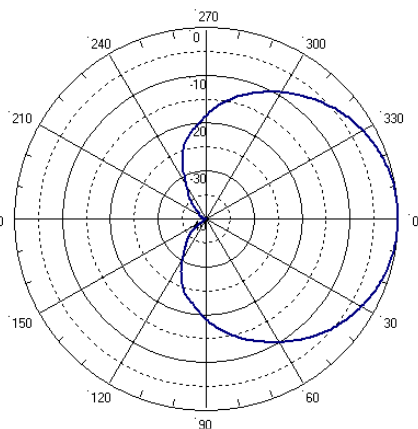
790 - 960	
790 - 896	870 - 960
H67° V10.3°	H63° V10°
Fixed Tilt 0°, 2°, 4°, 6°	Fixed Tilt 0°, 2°, 4°, 6°

ELECTRICAL SPECIFICATIONS

	BAND 800	BAND 900
Antenna Model	AT40-663TX	
Polarization	Vertical	Vertical
Frequency (MHz)	790 - 896	870 - 960
Horizontal Beamwidth	67°	63°
Vertical Beamwidth	10.3°	10°
Gain (dBi)	15.8	16.5
Vertical Electrical Tilt	FIXED 0°, 2°, 4°, 6°	FIXED 0°, 2°, 4°, 6°
Upper Sidelobe Suppression for the 1 st lobe above main beam (dB)	17	17
Front-to-Back Ratio @180° ± 20° (dB)	> 27	> 27
VSWR	< 1.5 : 1	< 1.5 : 1
Maximum Power Per Input (W)	500	500
Intermodulation (dBc)	< - 150	< - 150
Impedance (Ω)	50	50

MECHANICAL SPECIFICATIONS

Connectors	1 X 7/16 Female
Connector Position	Bottom
Survival Wind Speed	200 (125) km/h (mph)
Front Windload	1045 (235) N @ 160 km/h (lbs @100 mph)
Lateral Windload	205 (46) N @ 160 km/h (lbs @100 mph)
Radome Color	Grey, paintable
Humidity	100%
Antenna Weight	18 (39) kg (lbs)
Antenna Dimension	1985 X 325 X 115 (78 X 13 X 5) mm (in) H X W X D



H&V Pattern

