

SINGLE BAND PANEL ANTENNA BAND 800 + 900 MHz

AT40-645TX

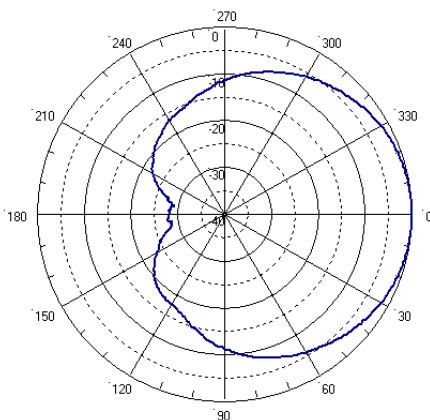
790 - 960	
790 - 896	870 - 960
H92° V15.4°	H87° V14.7°
Fixed Tilt 0°, 2°, 4°, 6°	Fixed Tilt 0°, 2°, 4°, 6°

ELECTRICAL SPECIFICATIONS

	BAND 800	BAND 900
Antenna Model	AT40-645TX	
Polarization	Vertical	Vertical
Frequency (MHz)	790 - 896	870 - 960
Horizontal Beamwidth	92°	87°
Vertical Beamwidth	15.4°	14.7°
Gain (dBi)	13	13.5
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)	18	18
Front-to-Back Ratio @180° ± 20° (dB)	> 23	> 23
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	km/h (mph)	200 (125)
Front Windload	N @ 160 km/h (lbs @100 mph)	670 (150)
Lateral Windload	N @ 160 km/h (lbs @100 mph)	130 (30)
Radome Color	Grey, paintable	
Humidity	100%	
Antenna Weight	kg (lbs)	12 (26)
Antenna Dimension	mm (in) H X W X D	
	1340 X 325 X 115 (53 X 13 X 5)	



H&V Pattern

