

LOW BAND SIDE BY SIDE PANEL ANTENNA

2 x BAND 700 MHz

BAT39-662TV



2 X (698 - 896)

H40° V12°

Variable Tilt 2°-10°

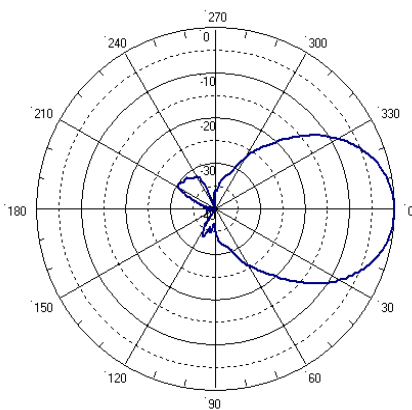
ELECTRICAL SPECIFICATIONS

2 X BAND 700

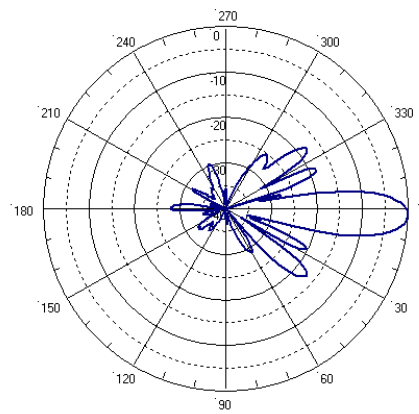
Antenna Model	BAT39-662TV
Polarization	± 45°
Frequency (MHz)	2 X (698 – 896)
Horizontal Beamwidth	40°
Vertical Beamwidth	12°
Gain (dBi)	16.8
Vertical Electrical Tilt	VARIABLE 2°-10°
Upper Sidelobe Suppression for the 1st lobe above main beam (dB)	15
Front-to-Back Ratio @180° ± 20° (dB)	> 25
VSWR	< 1.5 : 1
Cross Polar Ratio @ ± 60° (dB) Typically	> 10
Isolation Between Ports	> 27 between ports // 27 between antenna
Maximum Power Per Input (W)	500
Intermodulation (dBC)	< - 150
Impedance (Ω)	50

MECHANICAL SPECIFICATIONS

Connectors	4 X 7/16 Female
Connector Position	Bottom
Survival Wind Speed km/h (mph)	200 (125)
Front Windload N @ 160 km/h (lbs @ 100 mph)	3000 (650)
Lateral Windload N @ 160 km/h (lbs @ 100 mph)	370 (80)
Radome Color	Grey, paintable
Humidity	100%
Antenna Weight kg (lbs)	65 (140)
Antenna Dimension H x W x D mm (in)	2100 X 900 X 150 (83 X 36 X 6)



Azimuth



Elevation