

LOW BAND SIDE BY SIDE PANEL ANTENNA

2x BAND 800 + 900 MHz

BAT40-664 TV

2 X (790 - 960)

H69° V10.7°

Variable Tilt 0°-10°

ELECTRICAL SPECIFICATIONS

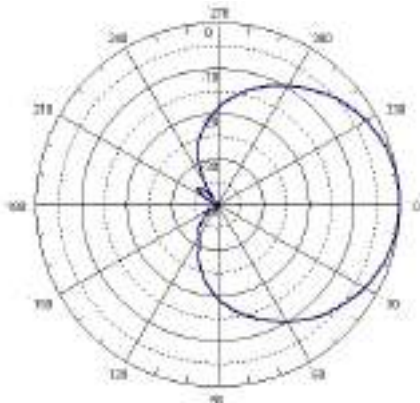
2 X BAND 800+900

Antenna Model	BAT40-664TV
Polarization	± 45°
Frequency (MHz)	2 X (790 – 960)
Horizontal Beamwidth	69°
Vertical Beamwidth	10.7°
Gain (dBi)	16
Vertical Electrical Tilt	VARIABLE 0°-10°
Upper Sidelobe Suppression for the 1 st lobe above main beam (dB)	15
Front-to-Back Ratio @180° ± 20° (dB)	> 25
VSWR	< 1.5 : 1
Cross Polar Ratio @ ± 60° (dB) <i>Typically</i>	> 8
Isolation Between Ports	> 25
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)	1490 (330)
Lateral Windload N @ 160 km/h (lbs @100 mph)	650 (150)
Radome Color	Grey, paintable
Humidity	100%
Antenna Weight kg (lbs)	35 (75)
Antenna Dimension mm (in) H X W X D	2100 X 420 X 240 (83 X 16 X 10)



H&V Pattern

