

LOW BAND SIDE BY SIDE PANEL ANTENNA

2x BAND 800 + 900 MHz

BAT40-686 TV

2 X (790 - 960)
H90° V7.5°
Variable Tilt 2°-10°

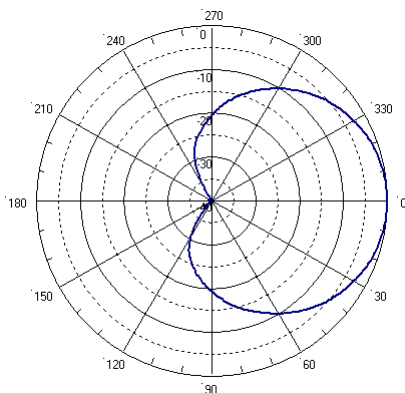
ELECTRICAL SPECIFICATIONS

2 X BAND 800+900

Antenna Model	BAT40-686TV
Polarization	± 45°
Frequency (MHz)	2 X (790 – 960)
Horizontal Beamwidth	85°
Vertical Beamwidth	7.5°
Gain (dBi)	15.7
Vertical Electrical Tilt	VARIABLE 2°-10°
Front-to-Back Ratio @180° ± 20° (dB)	> 25
VSWR	< 1.5 : 1
Cross Polar Ratio @ ± 60° (dB) <i>Typically</i>	> 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)	2000 (440)
Lateral Windload N @ 160 km/h (lbs @100 mph)	520 (114)
Radome Color	Grey, paintable
Humidity	100%
Antenna Weight kg (lbs)	40 (88)
Antenna Dimension mm (in) H X W X D	2700 X 450 X 150 (106 X 17 X 6)



H&V Pattern

