

MULTI BAND PANEL ANTENNA

1x (790-960 MHz) + 2x (1710-2690 MHz)

LU2D3-400TV

1 x (790-960)	2 x (1710 – 2690)
H67° V11.8°	H67° V7.2°
Variable Tilt 0° - 10°	Variable Tilt 2° - 10°

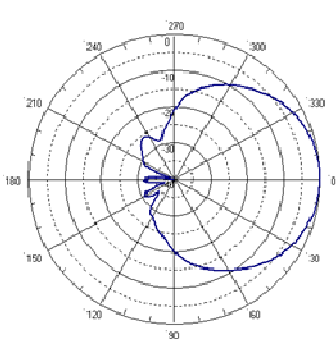
ELECTRICAL SPECIFICATIONS

Antenna Model	LU2D3-400TV	
Polarization	± 45°	
Frequency	1 x (790 – 960)	2 x (1710-2690)
Horizontal Beamwidth (°)	67	67
Vertical Beamwidth (°)	11.8	7.2
Gain (dBi)	14.2	16.7
Vertical Electrical Tilt	VARIABLE 0°-10°	VARIABLE 2°-10°
Upper Sidelobe Suppression for the 1 st lobe above main beam (dB)	15	15
Front-to-Back Ratio @ 180° ± 20° (dB)	> 20	> 20
VSWR	< 1.5 : 1	< 1.5: 1
Cross Polar Ratio @ -3°dB Beamwidth (dB) <i>Typically</i>	>15	>10
Isolation between Ports (dB)	> 27	> 27
Interband Isolation (dB)	> 30	
Maximum Power Per Input (W)	500	200
Intermodulation (dBc)	< - 150	
Impedance (Ω)	50	



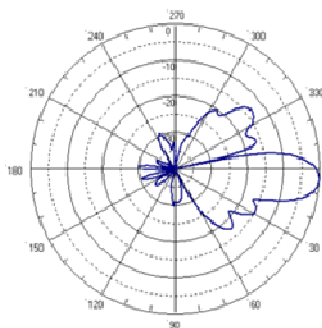
MECHANICAL SPECIFICATIONS

Connectors	6 X 7/16 Female
Connector Position	Bottom
Survival Wind Speed km/h (mph)	200 (125)
Front Windload N @ 160 km/h (lbs @ 100 mph)	660 (148)
Lateral Windload N @ 160 km/h (lbs @ 100 mph)	145 (33)
Radome Color	Grey, paintable
Humidity	100%
Antenna Weight kg (lb)	20 (44)
Antenna Dimension mm (in) H X W X D	1500 X 350 X 150 (59 x 14 x 6)

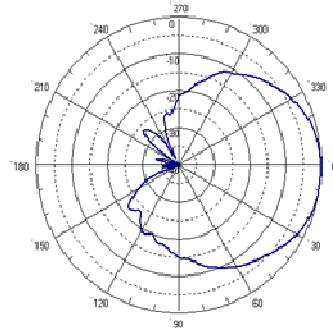


Azimuth

Low Band

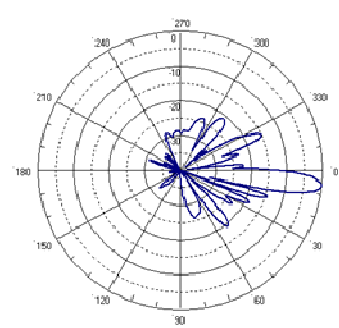


Elevation



Azimuth

Broad Band



Elevation