

MULTI BAND PANEL ANTENNA (TRIPLE) BAND (800 + 900) + 2x ULTRA BROADBAND 1710 – 2690 MHz

LU2D3-600TV

790-960	2 x (1710 – 2690)
H64° V11°	H62° V6.2°
Variable Tilt 0° - 15°	Variable Tilt 2° - 10°

ELECTRICAL SPECIFICATIONS

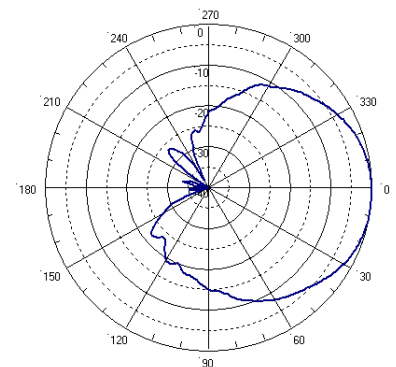
Antenna Model	LU2D3-600TV	
Polarization	± 45°	
Frequency	790 – 960	2 x (1710 – 2690)
Horizontal Beamwidth	64°	62°
Vertical Beamwidth	11°	6.2
Gain (dBi)	15.5	17.5
Vertical Electrical Tilt	VARIABLE 0°-15°	VARIABLE 2°-10°
Upper Sidelobe Suppression for the 1 st lobe above main beam (dB)	16	15
Front-to-Back Ratio @ 180° ± 20° (dB)	> 25	> 25
VSWR	< 1.5 : 1	< 1.5 : 1
Cross Polar Ratio @ -3°dB Beamwidth <i>Typically</i>	> 15	> 15
Isolation between Ports (dB)	> 30	> 30
Interband Isolation (dB)	> 40 (790-960 // 1710-2690) > 30 (1710-2690 // 1710-2690)	
Maximum Power Per Input (W)	> 500	> 250
Intermodulation (dBc)	< - 150	
Impedance (Ω)	50	



MECHANICAL SPECIFICATIONS

Connectors	6 X 7/16 Female
Connector Position	Bottom
Survival Wind Speed km/h	200
Front Windload N @ 160 km/h	1050
Lateral Windload N @ 160 km/h	260
Radome Color	Grey, paintable
Humidity	100%
Antenna Weight kg (lb)	30 (66)
Antenna Dimension mm (in) H X W X D	2000 X 350 X 150 (78 x 14 x 6)

H&V Pattern/ Broadband



H&V Pattern/ Low band

