

MULTI BAND PANEL ANTENNA (DUAL) BAND (800 + 900) + ULTRA BROADBAND 1710 – 2690 MHz

LUD3-600TV

790-960	1710 – 2690
H64° V11°	H62.5° V6.2°
Variable Tilt 0° - 12°	Variable Tilt 2° - 10°

ELECTRICAL SPECIFICATIONS

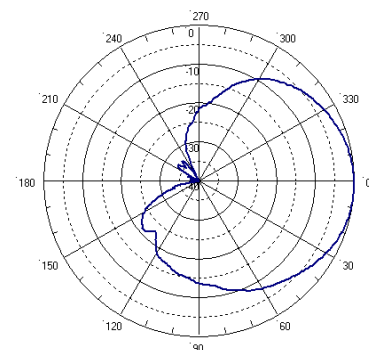
Antenna Model	LUD3-600TV	
Polarization	± 45°	
Frequency	790 - 960	1710 - 2690
Horizontal Beamwidth	64°	62.5°
Vertical Beamwidth	11°	6.2
Gain (dBi)	15.5	17.5
Vertical Electrical Tilt	VARIABLE 0°-12°	VARIABLE 2°-10°
Upper Sidelobe Suppression for the 1 st lobe above main beam (dB)	16	15
Front-to-Back Ratio @ 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)	
Maximum Power Per Input (W)	> 500	> 300
Intermodulation (dBc)	< - 150	
Impedance (Ω)	50	

MECHANICAL SPECIFICATIONS

Connectors	4 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 (79 x 14 x 6)



H&V Pattern/ Broadband



H&V Pattern/ Low band

