

MULTI BAND PANEL ANTENNA (DUAL)

BAND (800 + 900) + BROADBAND 1710 – 2170 MHz



LMD3-600 TV

(790 – 960)	(1710 – 2170)
H64° V11°	H65° V6.6°
Variable Tilt 2° - 10°	Variable Tilt 2° - 12°

ELECTRICAL SPECIFICATIONS

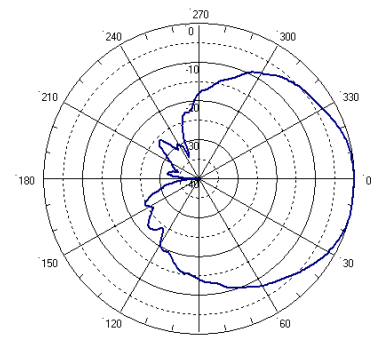
Antenna Model	LMD3-600TV			
Polarization	± 45°			
Frequency (MHz)	(790 – 960)		(1710 – 2170)	
Horizontal Beamwidth	64°		65°	
Vertical Beamwidth	11°		6.6°	
Gain (dBi)	15.5		17.5	
Vertical Electrical Tilt	VARIABLE	2°-10°	VARIABLE	2°-12°
Upper Sidelobe Suppression for the 1 st lobe above main beam (dB)	15		15	
Front-to-Back Ratio @ 180° ± 20° (dB)	> 25		> 25	
VSWR	< 1.5 : 1		< 1.5 : 1	
Cross Polar Ratio @ -3° (dB) <i>Typically</i>	> 12		> 12	
Isolation between Ports (dB)	> 30		> 30	
Interband Isolation (dB)	> 40 (790-960//1710-2170)			
Maximum Power Per Input (W)	500		250	
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)	30
Antenna Dimension (mm) H X W X D	2000 x 350 x 150

H&V Pattern/ Broadband



H&V Pattern/ Low band

