

# MULTI BAND PANEL ANTENNA (DUAL)



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

## LMD3-400TV

(790 – 960)	(1710 – 2170)
H69° V14°	H65° V6.6°
Variable Tilt 2° - 10°	Variable Tilt 2° - 10°

### ELECTRICAL SPECIFICATIONS

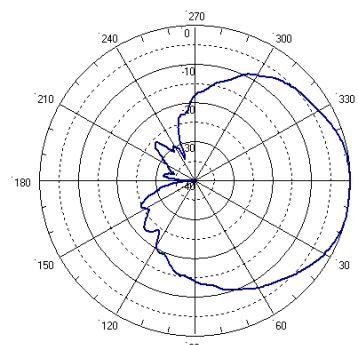
Antenna Model	LMD3-400TV			
Polarization	± 45°			
Frequency (MHz)	<b>(790 – 960)</b>		<b>(1710 – 2170)</b>	
Horizontal Beamwidth	69°		65°	
Vertical Beamwidth	14°		6.6°	
Gain (dBi)	14		17.5	
Vertical Electrical Tilt	VARIABLE	2°-10°	VARIABLE	2°-10°
Upper Sidelobe Suppression for the 1 <sup>st</sup> lobe above main beam (dB)	15		17	
Front-to-Back Ratio @ 180° ± 20° (dB)	> 25		> 25	
VSWR	< 1.5 : 1		< 1.5 : 1	
Cross Polar Ratio @ -3° (dB) <i>Typically</i>	> 15		> 15	
Isolation between Ports (dB)	> 27		> 27	
Interband Isolation (dB)	> 35 (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)	660
Lateral Windload (N @ 160 km/h)	145
Radome Color	Grey, paintable
Humidity	100%
Antenna Weight (Kg)	30
Antenna Dimension (mm) H X W X D	1500 x 350 x 150

H&V Pattern/ Broadband



H&V Pattern/ Low band

