

MULTI BAND PANEL ANTENNA (DUAL)

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

LMD3-800TV

(790 – 960)	(1710 – 2170)
H64° V7.5°	H65° V6.5°
Variable Tilt 2° - 10°	Variable Tilt 2° - 12°

ELECTRICAL SPECIFICATIONS

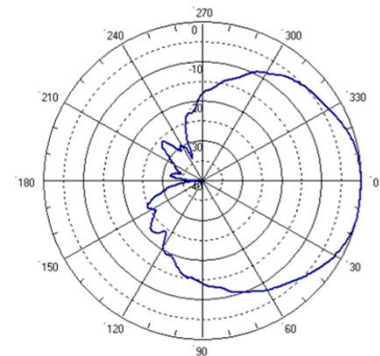
Antenna Model	LMD3-800TV	
Polarization	± 45°	
Frequency (MHz)	(790 – 960)	(1710 – 2170)
Horizontal Beamwidth	64°	65°
Vertical Beamwidth	7.5°	6.5°
Gain (dBi)	16.5	17
Vertical Electrical Tilt	VARIABLE 2°-10°	VARIABLE 2°-12°
Upper Sidelobe Suppression for the 1 st lobe above main beam (dB)	15	15
Front-to-Back Ratio @ 180° ± 20° (dB)	> 23	> 22
VSWR	< 1.5 : 1	< 1.5 : 1
Cross Polar Ratio @ -3° (dB) <i>Typically</i>	> 13	> 10
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)	1400
Lateral Windload (N @ 160 km/h)	330
Radome Color	Grey, paintable
Humidity	100%
Antenna Weight (Kg)	37
Antenna Dimension (mm) H X W X D	2615 x 350 x 145

H&V Pattern/ Broadband



H&V Pattern/ Low band

