

MULTI BAND PANEL ANTENNA (TRIPLE)

3x ULTRABROADBAND 1710 – 2690 MHz

UB3D3-800TV

3 X 1710 – 2690
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H67° V6.8°
Variable Tilt 0° - 10°

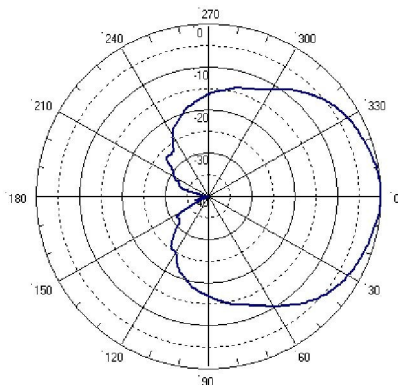
ELECTRICAL SPECIFICATIONS

3 X ULTRA BROADBAND 1710 – 2690 MHz

Antenna Model	UB3D3-800TV
Polarization	± 45°
Frequency	1710 - 2690
Horizontal Beamwidth	67°
Vertical Beamwidth	6.8°
Gain (dBi)	17
Vertical Electrical Tilt	VARIABLE 0° - 10°
Upper Sidelobe Suppression for the 1 st lobe above main beam (dB)	15
Front-to-Back Ratio @ 180° ± 20° (dB)	25
VSWR	< 1.5 : 1
Cross Polar Ratio @ ± 60° (dB) Typically	> 10
Isolation between Ports (dB)	27
Interband Isolation (dB)	> 27 (1710 - 2690//1710 - 2690)
Maximum Power Per Input (W)	250
Intermodulation (dBc)	- 150
Impedance (Ω)	50

MECHANICAL SPECIFICATIONS

Connectors	6 X 7/16 Female
Connector Position	Bottom
Survival Wind Speed km/h (mph)	200 (125)
Front Windload N @ 160 km/h (lbs @100 mph)	1030 (232)
Lateral Windload N @ 160 km/h (lbs @100 mph)	240 (54)
Radome	Grey paintable PVC
Humidity	100%
Antenna Weight kg (lbs)	25 (54)
Antenna Dimension mm H X W X D	1370 X 460 X 170



H&V Pattern

