

MIMO DUAL BAND ANTENNA

2400-2483 MHz // 5250-5875 MHz

2400-2483	5250-5875
H90° V32°	

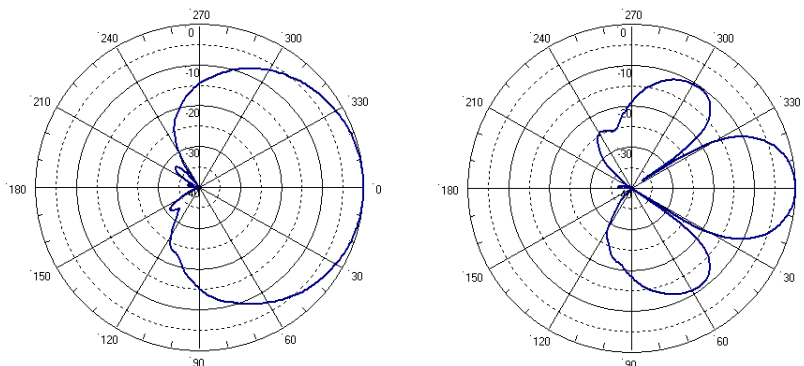
TA-2.4/5.2-S10-90-D

ELECTRICAL SPECIFICATIONS

	2400 – 2483 MHz	5250 – 5875 MHz
Antenna Model	TA-2.4/5.2-S10-90-D	
Polarization	± 45°	
Frequency (MHz)	2400-2483	5250-5875
Horizontal Beamwidth	90° +/- 10°	
Vertical Beamwidth	32° +/- 5°	
Gain (dBi)	10 +/- 0.5dB	
Vertical Electrical Tilt	FIXED 0°	
Upper Sidelobe Suppression for the 1 st lobe above main beam (dB)	> 10	
Front-to-Back Ratio @ 180° ± 20° (dB)	> 20	
VSWR	< 1.5 : 1	
Cross Polar Ratio @ -3°dB Beamwidth <i>Typically</i>	> 15	
Isolation between Ports (dB)	> 25	> 25
Interband Isolation (dB)	> 30	
Maximum Power Per Input (W)	100	40
Impedance (Ω)	50	

MECHANICAL SPECIFICATIONS

Connectors	4 x N(f)	
Connector Position	Bottom	
Survival Wind Speed Km/h (mph)	200 (125)	
Horizontal Thrust Kg @ 200 Km/h (lbs @ 125 mph)	23.6 (52.1)	
Radome Color	Grey, paintable	
Humidity	100%	
Antenna Weight kg (lbs)	4.5 (10)	
Antenna Dimension mm (in) H x W x D	500 X 152 x 127 (20 x 6 x 5)	



H&V patterns for both bands