

SINGLE BAND PANEL ANTENNA BROADBAND 1710 – 2170 MHz

MGV5-900TX

1710 - 2170		
1710-1880	1850-1990	1920-2170
H88° V5.6°	H86° V5.1°	H83° V4.8°
Fixed Tilt 0°, 2°, 4°, 6°	Fixed Tilt 0°, 2°, 4°, 6°	Fixed Tilt 0°, 2°, 4°, 6°

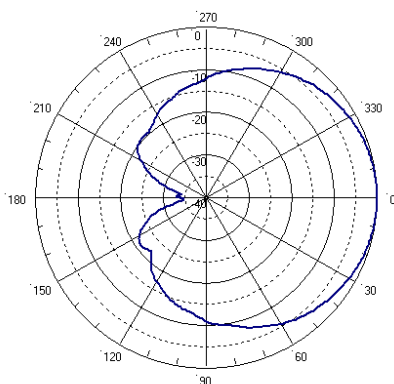
ELECTRICAL SPECIFICATIONS

BROADBAND 1710-2170 MHz

Antenna Model	MGV5-900TX		
Polarization	Vertical		
Frequency	1710-2170		
	1710 - 1880	1850 - 1990	1920 - 2170
Horizontal Beamwidth	88°	86°	83°
Vertical Beamwidth	5.6°	5.1°	4.8°
Gain (dBi)	17.3	17.7	18
Vertical Electrical Tilt	FIXED 0°, 2°, 4°, 6°	FIXED 0°, 2°, 4°, 6°	FIXED 0°, 2°, 4°, 6°
Upper Sidelobe Suppression for the 1 st lobe above main beam (dB)	18	18	18
Front-to-Back Ratio @ 180° ± 20° (dB)	> 25	> 25	> 25
VSWR	< 1.4 : 1	< 1.4 : 1	< 1.4 : 1
Maximum Power Per Input (W)	250		
Intermodulation (dBc)	< - 150		
Impedance (Ω)	50		

MECHANICAL SPECIFICATIONS

Connectors	1 X 7/16 Female
Connector Position	Bottom
Survival Wind Speed km/h (mph)	200 (125)
Front Windload N @ 160 km/h (lbs @ 100 mph)	450 (101)
Lateral Windload N @ 160 km/h (lbs @ 100 mph)	230 (52)
Radome Color	Grey, paintable
Humidity	100%
Antenna Weight kg (lbs)	11 (25)
Antenna Dimension mm (in) H X W X D	1860 X 160 X 90 (73 X 6 X 4)



H&V Pattern

