

HIGH BAND SIDE BY SIDE PANEL ANTENNA

2x BROADBAND 1710 - 2170 MHz

BGD3-400TV

2 X 1710 - 2170		
1710-1880	1850-1990	1920-2170
H65° V14°	H65° V13.5°	H64° V13°
Variable Tilt 0° - 12°	Variable Tilt 0° - 12°	Variable Tilt 0° - 12°

ELECTRICAL SPECIFICATIONS

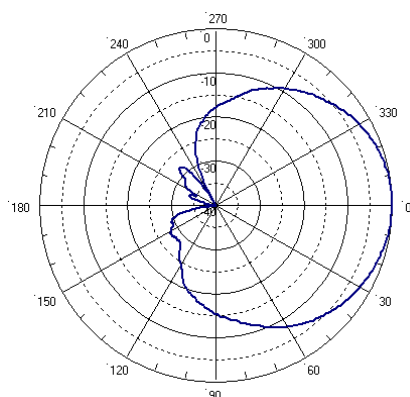
2 X BROADBAND 1710-2170 MHz

Antenna Model	BGD3-400TV		
Polarization	± 45°		
Frequency	2 X (1710 – 2170)		
	1710 - 1880	1850 - 1990	1920 - 2170
Horizontal Beamwidth	65°	65°	64°
Vertical Beamwidth	14°	13.5°	13°
Gain (dBi)	15	15	15.3
Vertical Electrical Tilt	VARIABLE 0°-12°	VARIABLE 0°-12°	VARIABLE 0°-12°
Upper Sidelobe Suppression for the 1 st lobe above main beam (dB)	17	18	18
Front-to-Back Ratio @180° ± 20° (dB)	> 27	> 27	> 30
VSWR	< 1.4 : 1	< 1.4 : 1	< 1.4 : 1
Cross Polar Ratio @ ± 60° (dB) <i>Typically</i>	> 10	> 10	> 10
Isolation Between Ports (dB)	> 30	> 30	> 30
Interband Isolation (dB)	> 30 (1710-2170//1710-2170)		
Maximum Power Per Input (W)	250		
Intermodulation (dBc)	< - 150		
Impedance (Ω)	50		



MECHANICAL SPECIFICATIONS

Connectors	4 X 7/16 Female	
Connector Position	Bottom	
Survival Wind Speed	km/h (mph)	
Front Windload	200 (125)	
N @ 160 km/h	(lbs @ 100 mph)	
Lateral Windload	300 (67)	
N @ 160 km/h	(lbs @ 100 mph)	
Radome Color	Grey, paintable	
Humidity	100%	
Antenna Weight	kg (lbs)	
Antenna Dimension	8 (17)	
mm (in) H X W X D	650 X 300 X 90 (27 X 11 X 4)	



H&V Pattern

