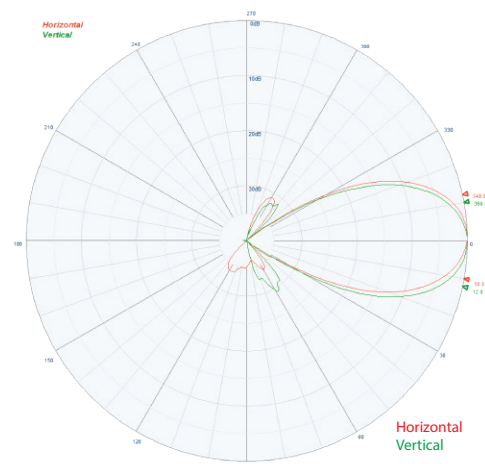


AD-PA-1695-4200-D

High-Band High Isolation Donor Antenna



Electronic Specifications

Port Information		Y1		
Frequency Range	1695 ~ 1910 MHz	1910 ~ 2180 MHz	2305 ~ 2360 MHz	2360 ~ 2700 MHz
Gain	17.8 dBi	18.8 dBi	19.2 dBi	19.6 dBi
Horizontal Beamwidth	20.6°	18.2°	16.4°	15.0°
Vertical Beamwidth	20.7°	17.7°	16.8°	15.2°
Front-to-Back Ratio	42.8 dB	40.8 dB	45.1 dB	44.8 dB
Port Information		P1		
Frequency Range	3300 ~ 3800 MHz	3800 ~ 4200 MHz		
Gain	19.4 dBi	18.7 dBi		
Horizontal Beamwidth	13.8°	13.4°		
Vertical Beamwidth	13.2°	12.9°		
Front-to-Back Ratio	35.8 dB	34.2 dB		
VSWR	1.5 : 1			
Polarization	Vertical			
Intermodulation IM3	-153 dBc (2 x 43 dBm)			
Impedance	50 Ω			
Power Rating	100 W (Max)			

Mechanical Specifications

Dimension (W x D x H)	21.0 x 21.0 x 2.9 in (533 x 533 x 73 mm)
Weight (w/out Mounting Kit)	15.4 lbs (7.0 kg)
RF Connector	2 x 7-16 DIN Female
Wind Load @ 100 MPH	Front 406N, Side 59N, Rear 406N
Survival Wind Speed	150 MPH (Max)
Radome (Color)	White

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