

## DCS43PA05F00

Dual Band | Planar | V/H-Pol | 40° / 30° | 11.3 / 13.0 dBi | Fixed Tilt

- Dual band, vertically or horizontally polarized planar antenna with fixed electrical downtilt
- Ideal for Point-to-Point applications



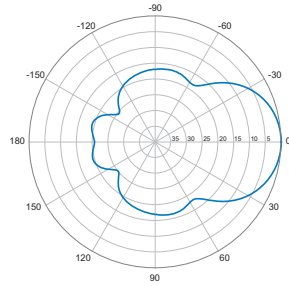
Ordering Options	Model Number	
Antenna with N-Type Connector	DCS43PA05F00	
Antenna with 4.3/10 Type Connector	DCS43PA05F00-s	
Electrical Characteristics		
Frequency Bands	806-940 MHz	1710-2170 MHz
Polarization	Vertical or Horizontal	
Horizontal Beamwidth	40°	30°
Vertical Beamwidth	40°	22°
Gain	9.2 dBd (11.3 dBi)	10.9 dBd (13.0 dBi)
Electrical Downtilt	0°	
Impedance	50Ω	
VSWR	< 1.5:1	
1st Upper Side Lobe	> 30 dB (80° < = Ø < = 100°)	
Front-to-Back Ratio	22 dB	40 dB
Isolation Between Bands	< - 30 dB	
Input Power	(1x) 250 W	
Operating Temperature	-40° to +60° C (-40° to +140° F)	
Connector(s)	1 Port / N-Type or 4.3/10 / Female / Back	
Mechanical Characteristics		
Dimensions Length x Width x Depth	457 x 457 x 55 mm	18.0 x 18.0 x 2.2 in
Weight without Mounting Brackets	7.3 kg	16.0 lbs
Survival Wind Speed	201 km/hr	125 mph
Wind Loads (161 km/hr or 100 mph)	Front: 500 N	Front: 113 lbf
Mounting Options	Part Number	Weight
Pole Mounting Kit	H00582	0.9 kg      2.0 lbs

Quoted performance parameters are provided to offer typical or range values only and may vary as a result of normal manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to product may be made without notice.

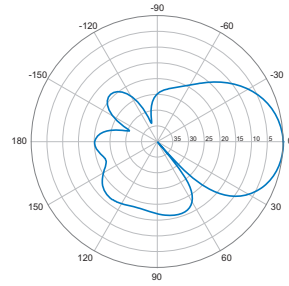
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**806-940 MHz**

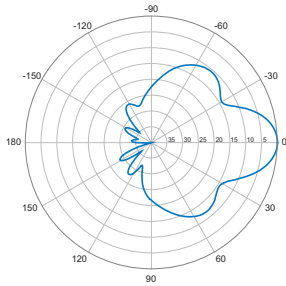


Horizontal

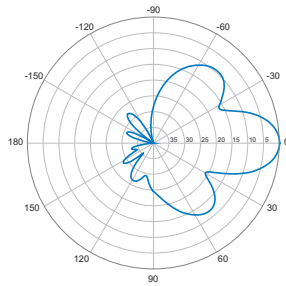


0° | Vertical

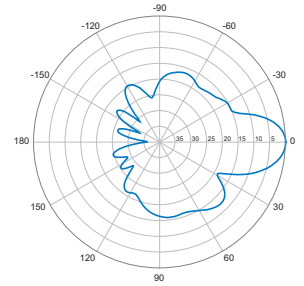
**1710-2170 MHz**



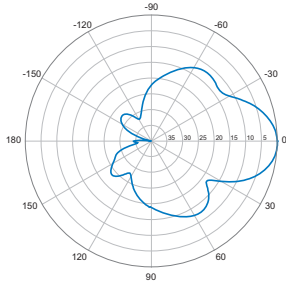
Horizontal | 1800 MHz



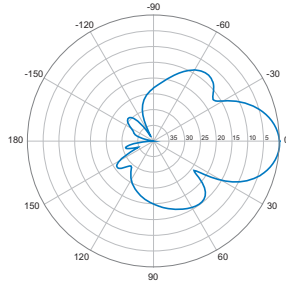
Horizontal | 1900 MHz



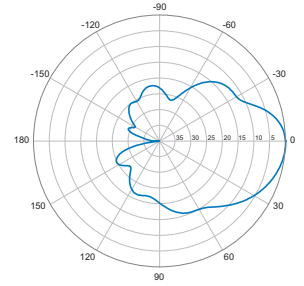
Horizontal | 2100 MHz



0° | Vertical | 1800 MHz



0° | Vertical | 1900 MHz



0° | Vertical | 2100 MHz

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