

5100-5850 MHz 90°(6dB) 65°(3dB) HV-POL
Model:PS5158-17-90D6-2SB
Electrical Data

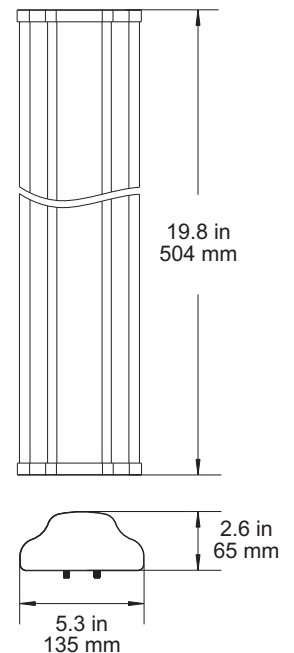
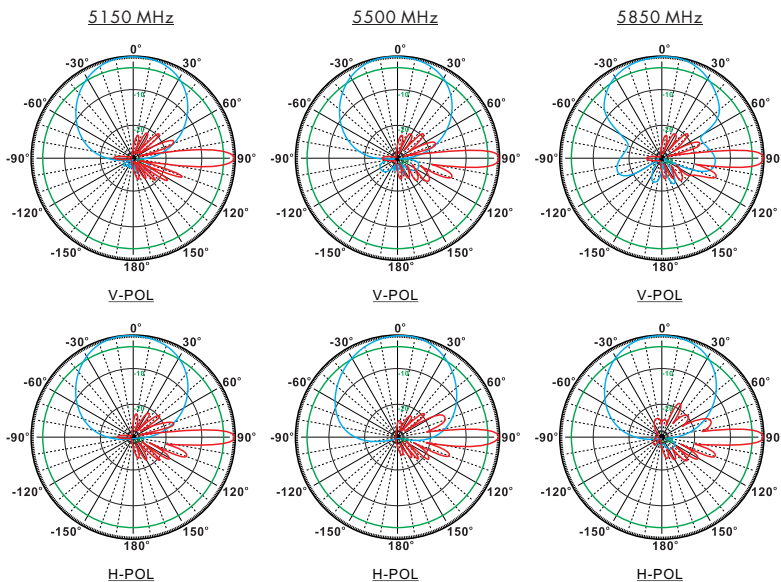
Frequency:	5150-5850 MHz		
	5150 MHz	5500 MHz	5850 MHz
Gain:	16.7 dBi	17.2 dBi	16.2 dBi
VSWR:	<1.8:1		
Polarization:	Horizontal and Vertical		
Horizontal Beamwidth (6dB):	90.3°	86°	89.2°
Horizontal Beamwidth (3dB):	65.1°	64.7°	64.9°
Vertical Beamwidth (6dB):	10.6°	10.1°	10.9°
Vertical Beamwidth (3dB):	7.1°	7.1°	7.3°
Front-to-back ratio :	>25dB		
Isolation:	>30dB		
Cross-polar ratio:	>15dB ($\pm 60^\circ \geq 10$)		
Impedance:	50 Ohms		
Max Input Power:	100W		
Lightning Protection:	DC Ground		

Mechanical Data

Connector :	2*SMA Female
Connector position:	Back
Dimensions:	504*135*123 mm
length*width*height	19.8*5.3*4.8 in
Weight:	2.2kg/4.8lb
Radome Material:	UV Resistance PVC
Mounting Method:	Mast
Mast Size:	Ø40-Ø70mm
Rated Wind Velocity:	210km/h
Operating temperature:	-40~+65℃

Shipment Data

Packing Qty:	1pc/Carton
Carton Size:	560*195*180mm
(length*width*height)	22.0*7.7*7.1 in
Packing Weight:	2.7 kg/5.9 lb



Installation Guide

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