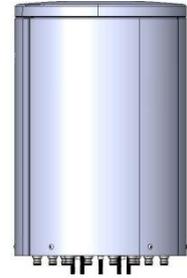


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Features & Applications

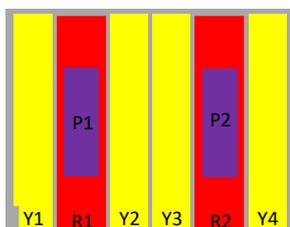
- Small Cell Pseudo Omni Conduit Canister Antenna
- 4-port x 698-960MHz, 8-port x 1695-2700MHz, 4-port x 3300-4200MHz
- HPBW : 360 °
- Gain : 7.9 dBi, 9.4 dBi, 8.5 dBi

ELECTRICAL SPECIFICATIONS			
Port Information	-	R1-R2	
Frequency Range	(MHz)	698-806	806-960
Gain (Max.)	(dBi)	7.1	7.9
Gain (Avg.)	(dBi)	5.3	6.3
Horizontal Pattern			
Azimuth Beam width	(°)	360	
Vertical Pattern			
Elevation Beam width	(°)	32	28
GENERAL SPECIFICATIONS			
In-Band Cross Polar Port Isolation	(dB)	>20	
VSWR	-	1.5 : 1	
Polarization	-	±45°	
Intermodulation IM3	(dBc)	-153 (3rd Order, 2x20W)	
Impedance	(Ω)	50	
Max. Effective Power per Port	(Watts)	100	

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ELECTRICAL SPECIFICATIONS						
Port Information	-	Y1-Y4				P1-P2
Frequency Range	(MHz)	1695-1850	1850-1910	1910-2180	2300-2700	3300-4200
Gain (Max.)	(dBi)	8.0	8.0	9.4	9.4	8.5
Gain (Avg.)	(dBi)	7.3	7.4	8	8.5	7
Horizontal Pattern						
Azimuth Beam width	(°)	360				
Vertical Pattern						
Elevation Beam width	(°)	19	18	17	14	15
GENERAL SPECIFICATIONS						
In-Band Cross Polar Port Isolation	(dB)	>20				
VSWR	-	1.5 : 1				
Polarization	-	±45°				
Intermodulation IM3	(dBc)	-153(3rd Order, 2x20W)				-
Impedance	(Ω)	50				
Max. Effective Power per Port	(Watts)	100				

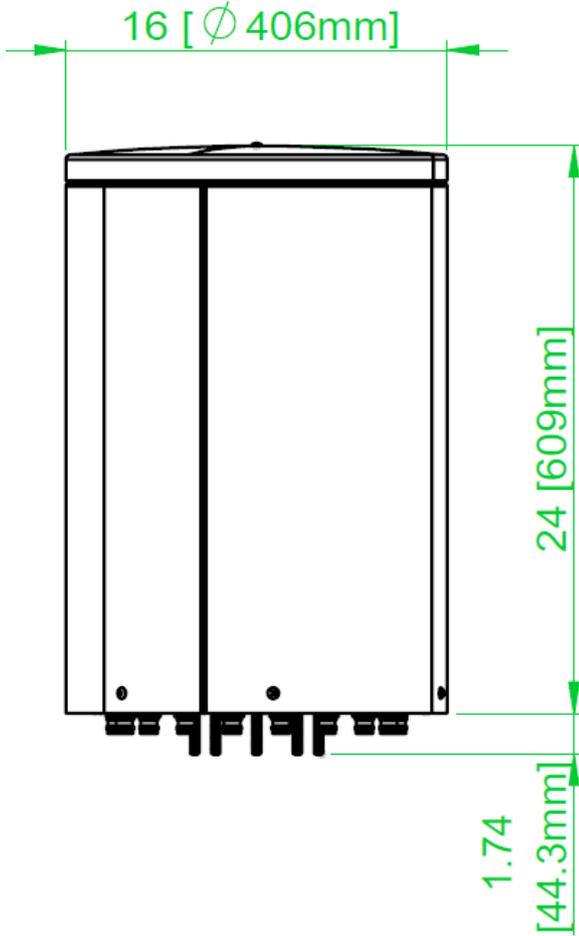
Array Information



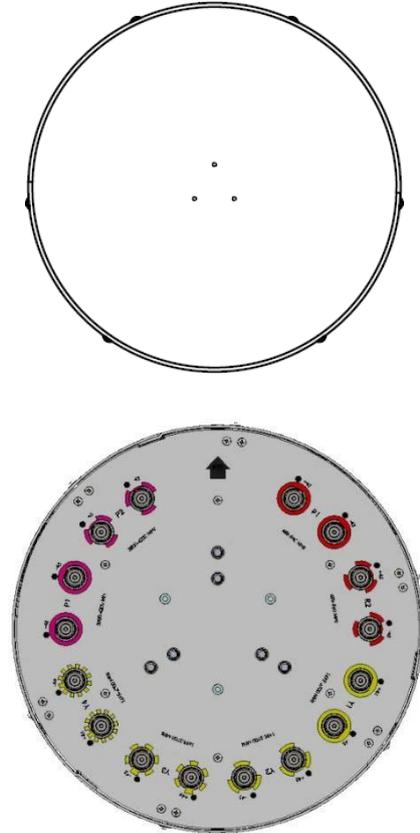
	Array	Frequency(MHz)	Connectors
Up	R1-R2	698-960	1-4
	Y1-Y4	1695-2700	5-12
	P1-P2	3300-4200	13-16
Down			

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Outline



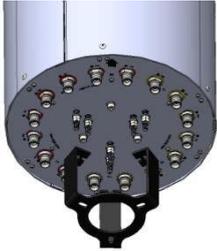
Top



MECHANICAL SPECIFICATIONS

MECHANICAL SPECIFICATIONS		
Connector Type & Quantity	-	16 x 4.3-10 Female
Connector Position	-	Bottom
Antenna Dimension (D x H)	(inch / mm)	Ø 16 x 24 / Ø 406 x 609
Weight (without Mounting Kit)	(lb / kg)	29.1 / 13.2
Wind Load (@100 mph)	(N)	216
Max.Wind Speed (Survival Wind Speed)	(mph)	150
Radome (Color)	-	ASA(Gray)

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Ordering Options for Mounting Kits		Mounting bracket kits are not included.
Part Number	Picture	Description
Optional Mounting kit-CA18PT		Use when needed for stack up solution through conduit