

ECOSC4Y4P



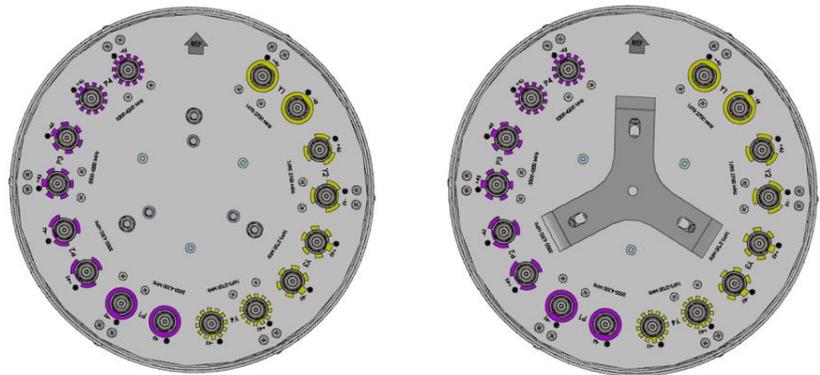
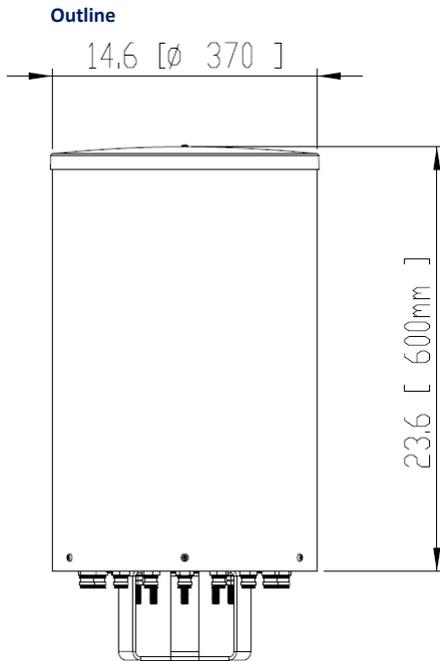
Features & Applications

- Small Cell Pseudo Omni 16-port Canister Antenna
- 8-port x 1695-2700 MHz, 8-port x 3300-4200 MHz
- HPBW : 360 °
- Gain : 10.4 dBi, 8.4 dBi

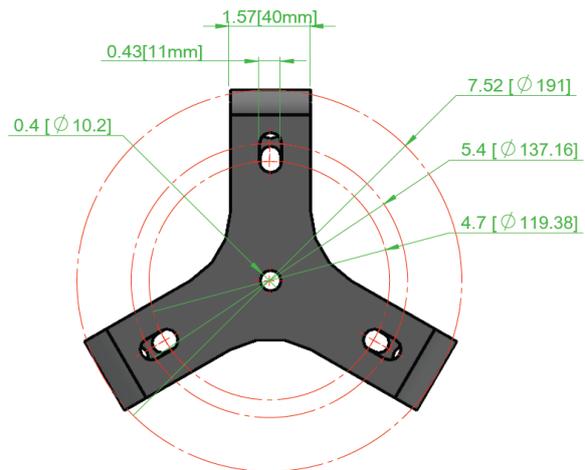
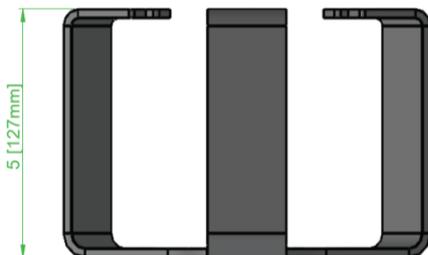
ELECTRICAL SPECIFICATIONS						
Port Information	-	Y1-Y4				P1-P4
Frequency Range	(MHz)	1695-1910	1910-2180	2305-2360	2360-2700	3300-4200
Gain (Max)	(dBi)	8.6	9.6	9.3	10.4	8.4
Gain (Avg.)	(dBi)	7.6	8.3	8.3	8.8	7.4
Horizontal Pattern						
Azimuth Beam width	(°)	360				
Gain OMNI Deviation	(dB)	3.5	5	5	5	6
Vertical Pattern						
Elevation Beam width	(°)	16	15	12	11	14
First Upper Side Lobe Suppression	(dB)	11				8
GENERAL SPECIFICATIONS						
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											
	Up	<table border="1"> <thead> <tr> <th>Array</th> <th>Frequency(MHz)</th> <th>Connectors</th> </tr> </thead> <tbody> <tr> <td>Y1-Y4</td> <td>1695-2700</td> <td>1-8</td> </tr> <tr> <td>P1-P4</td> <td>3300-4200</td> <td>9-16</td> </tr> </tbody> </table>	Array	Frequency(MHz)	Connectors	Y1-Y4	1695-2700	1-8	P1-P4	3300-4200	9-16
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P1-P4	3300-4200	9-16									
Down											

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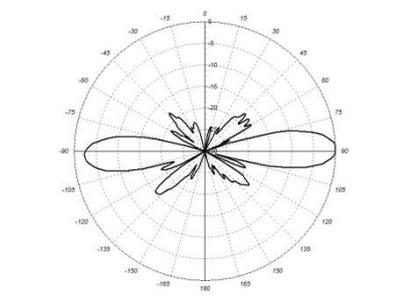
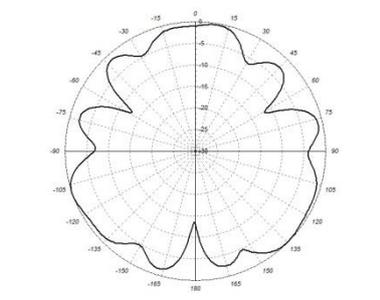
Bracket



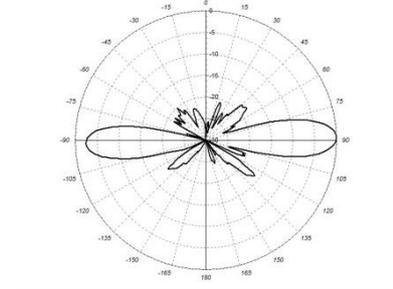
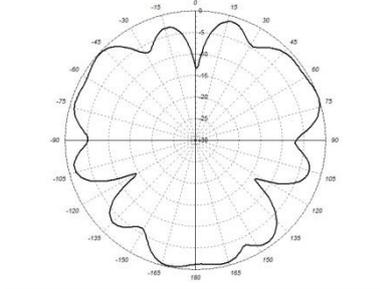
MECHANICAL SPECIFICATIONS		
Connector Type & Quantity	-	16 x 4.3-10 Female
Connector Position	-	Bottom
Antenna Dimension (D x H)	(inch / mm)	ø 14.6 x 23.6 / ø 370 x 600
Weight (without Mounting Kit)	(lb / kg)	25.4 / 11.5
Wind Load (@100 mph)	(N)	193
Max.Wind Speed (Survival Wind Speed)	(mph)	150
Radome (Color)	-	ASA (Gray)

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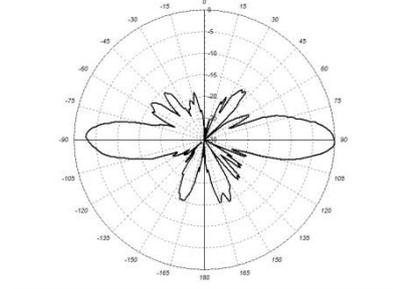
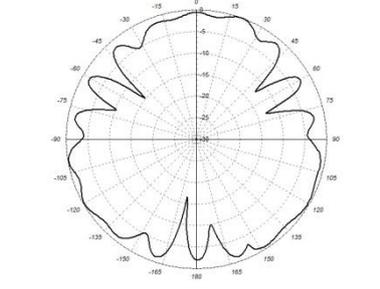
Pattern File_Y1&Y2 1695-2700 MHz



Pattern File_Y3&Y4 1695-2700 MHz



Pattern File_P1&P2 3300-4200 MHz



Pattern File_P3&P4 3300-4200 MHz

