Pseudo Omni 16-port Canister Antenna

1695-2700 MHz
3300-4200 MHz

16-Port

OY9X360F16



Features & Applications

· Small Cell Pseudo Omni 16-port Canister Antenna

· 8-port x 1695-2700 MHz, 8-port x 3300-4200 MHz

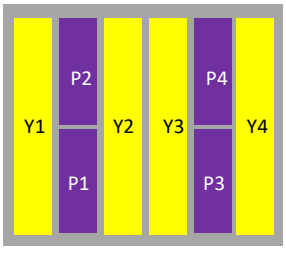
· HPBW : 360 °

· 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

Down

Array	Frequency(MHz)	Connectors
Y1-Y4	1695-2700	1-8
P1-P4	3300-4200	9-16

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The parameters Based on the NGMN P-Basta definition and recommendation.

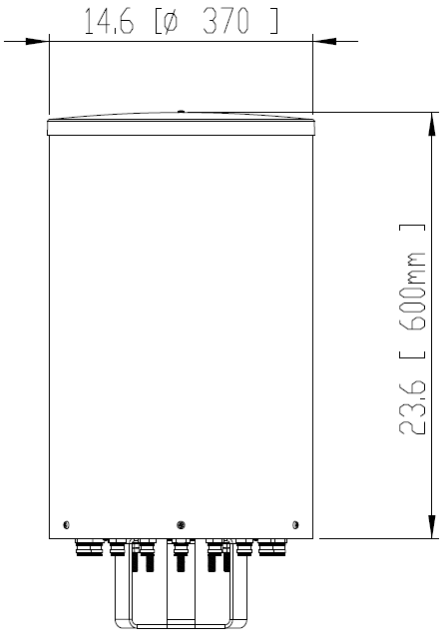
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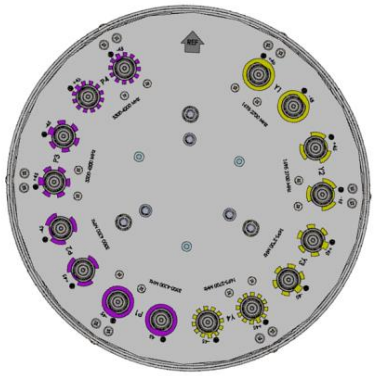
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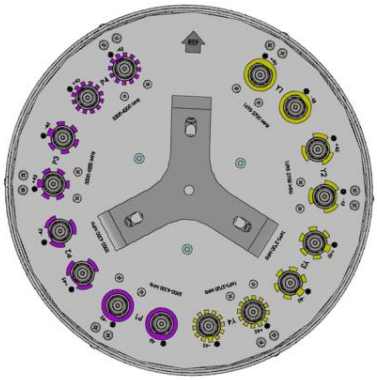
1695-2700 MHz
3300-4200 MHz

16-Port

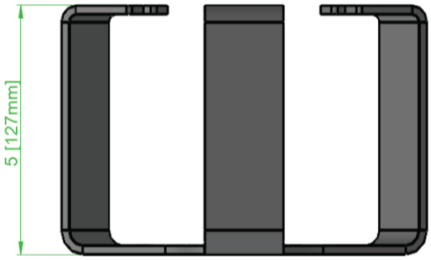
Outline



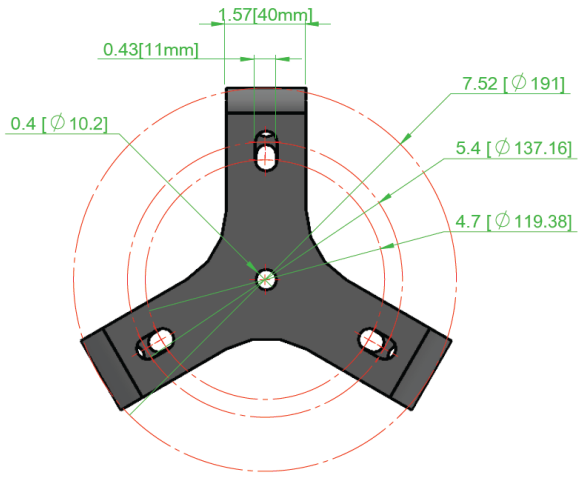




Bracket



Bottom



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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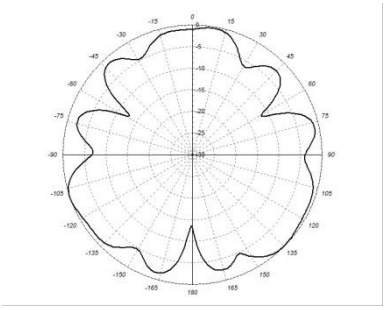
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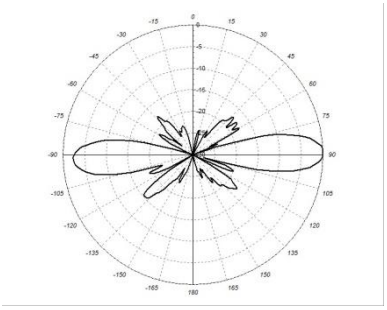
1695-2700 MHz
3300-4200 MHz

16-Port

Pattern File_Y1&Y2 1695-2700 MHz

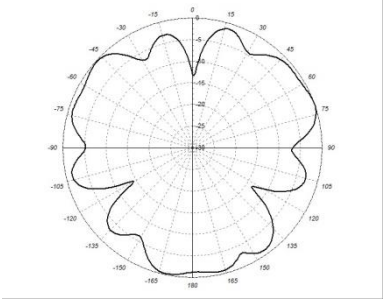


Horizontal

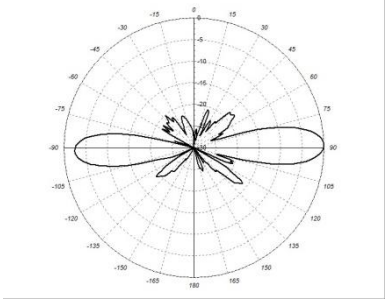


Vertical

Pattern File_Y3&Y4 1695-2700 MHz

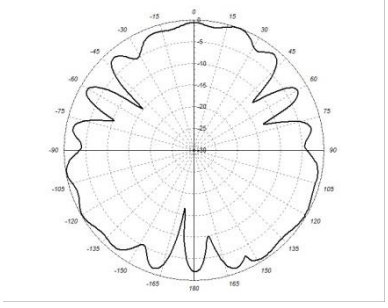


Horizontal

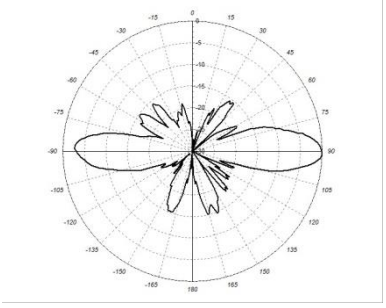


Vertical

Pattern File_P1&P2 3300-4200 MHz

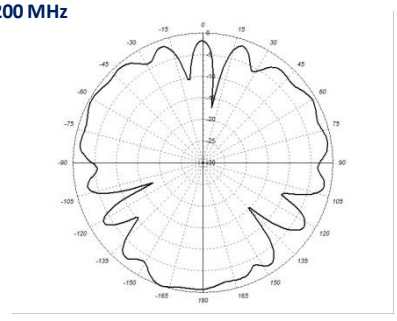


Horizontal

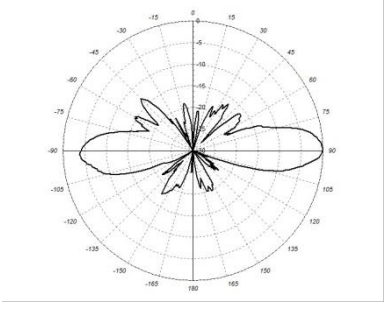


Vertical

Pattern File_P3&P4 3300-4200 MHz



Horizontal



Vertical

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Thank you for your Consideration !

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