Pseudo Omni 8-port Canister Antenna

1695-2400 MHz
3300-4200 MHz

8-Port

OY9X360F8



Features & Applications

· Small Cell Pseudo Omni Canister Fixed Antenna

· 4-port x 1695-2400 MHz, 4-port x 3300-4200 MHz

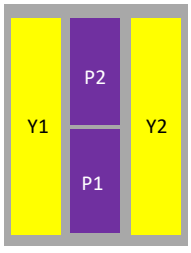
· HPBW : 360 °

· Gain : 9.4 dBi, 9.2 dBi

ELECTRICAL SPECIFICATIONS						
Port Information	-	Y1-Y2				P1-P2
Frequency Range	(MHz)	**1695-1850**	**1850-1910**	**1910-2180**	**2300-2360**	**3300-4200**
Gain (Max)	(dBi)	9.4	9.1	9.3	9.4	9.2
Gain (Avg.)	(dBi)	8.9	8.8	8.8	9	8.5
Horizontal Pattern						
Azimuth Beam width	(°)	360				
Gain OMNI Deviation	(dB)	3.5	5	5	5	6
Vertical Pattern						
Elevation Beam width	(°)	16	16	15	14	15
First Upper Side Lobe Suppression	(dB)	11				8

GENERAL SPECIFICATIONS						
In-Band Cross Polar Port Isolation	(dB)	25	25	25	25	22
Inter-Band Port Isolation	(dB)	28	28	28	28	28
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-Y2	1695-2400	1-4
P1-P2	3300-4200	5-8

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

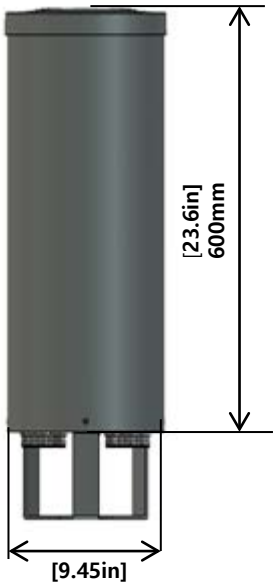
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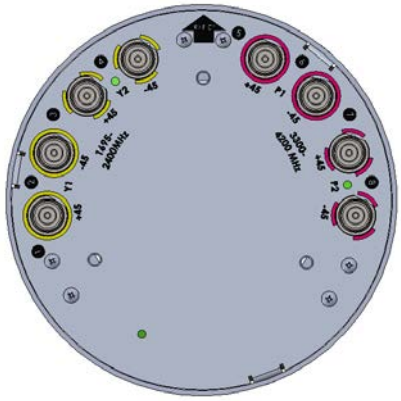
1695-2400 MHz
3300-4200 MHz

8-Port

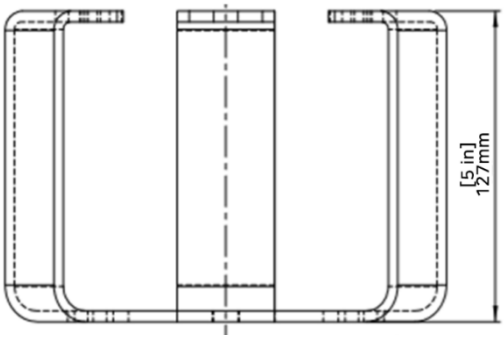
Outline

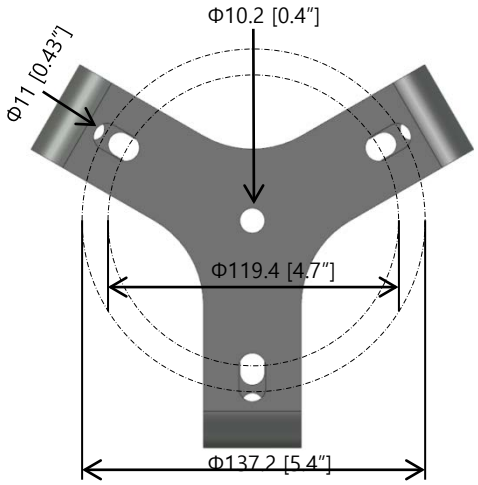


Bottom



Bracket





MECHANICAL SPECIFICATIONS		
Connector Type & Quantity	-	8 x 4.3-10 Female
Connector Position	-	Bottom
Antenna Dimension (D x H)	(inch / mm)	Ø 9.4 x 23.6 / Ø 240 x 600
Weight (without Mounting Kit)	(lb / kg)	22.15 / 10.05
Wind Load (@100 mph)	(N)	230
Max.Wind Speed (Survival Wind Speed)	(mph)	150
Radome (Color)	-	ASA (Gray)

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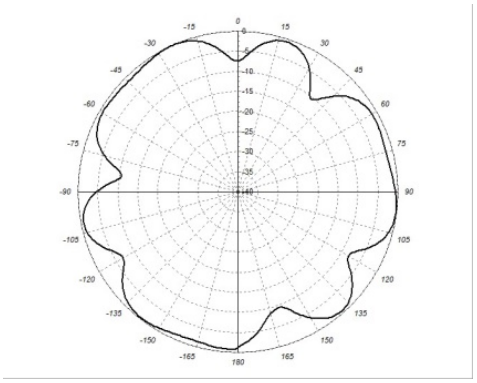
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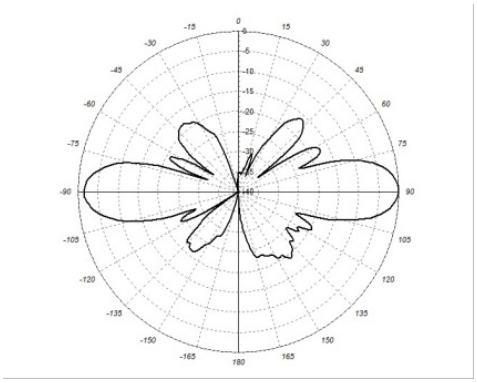
1695-2400 MHz
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8-Port

Pattern File_1695-2400 MHz

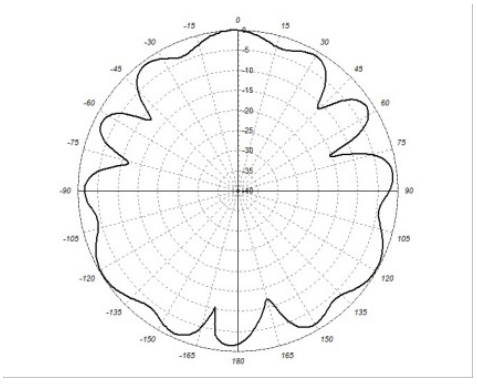


Horizontal

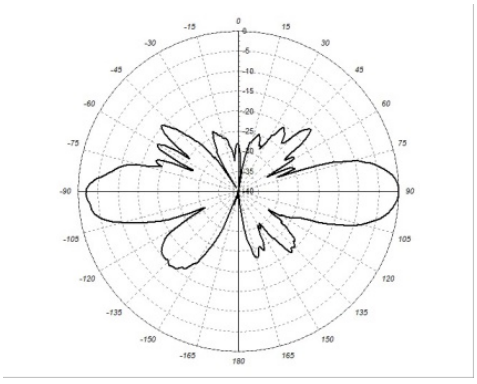


Vertical

Pattern File_3300-4200 MHz



Horizontal



Vertical

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Thank you for your Consideration !

gamma nu
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