

1. Antenna Spec Sheet

Canister 2a

Frequency Range	1695-2400	3550-3700	5150-5925
Gain (dBi)	7	6	5.5
HPBW (°)	360	360	360

Model No.	OYZ6X360F10S						
Frequency Range (MHz)	1695-1850	1850-1910	1910-2180	2300-2360	3550-3700	5150-5925	
Gain (dBi)	6.5	7.3	7.5	6	6.3	5.5	

Horizontal Pattern:

Azimuth Beam width (°)	360	360	360	360	360	360
Gain OMNI Deviation (dB)	3.5	3.5	3.5	3.5	7	3
Cross Polar Discrimination at Boresight (dB)	15	15	15	15	6	15

Vertical Pattern:

Elevation Beam width (°)	33	28	28	29	25	23
First Upper Side Lobe Suppression (dB)	15	15	15	15	13	13
Fixed Down Tilt (Factory setting) (°)	0, 5, 10, 15 (optional)					

In-Band Cross Polar Ports Isolation (dB)	20	20	20	20	20	20
Inter-Band Ports Isolation (dB)	30	30	30	30	30	30
VSWR	< 1.5 : 1					
Polarization	± 45	± 45	± 45	± 45	± 45	± 45
Intermodulation IM3 (dBc)			- 153			-
Impedance (Ω)				50		
Max. Effective Power per Port (Watts)	100			100		100

Values based on NGMN-P-BASTA requirements

Mechanical Specifications

Connector Type & Quantity	4.3-10 x 4		4.3-10 x 4	4.3-10 x 2
Connector Position	Bottom			
Antenna Dimension (H x D) (inch / m)	28 x Ø 7.9 / 717 X Ø 200			
Weight (Clamp incl.) (lb / kg)	15.4 / 7			
Wind Load (@100 mph) (N)	170			
Max. Wind Speed (Survival Wind Speed) (mph)	150			
Lightning Protection	Direct Ground			
Radome (Color)	Gray			
Product Environmental compliance	ROHS compliant			

2. Antenna Pictures



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