

1. Antenna Spec Sheet

Frequency Range	1695-2400	3550-3700	5150-5925
Gain (dBi)	9.0	5.5	5.5
HPBW (°)	360	360	360

Model No.	OYZ9X360F10						
Frequency Range (MHz)	1695-1850	1850-1910	1910-2180	2300-2360	3550-3700	5150-5925	
Gain (dBi)	8.0	8.5	9.0	8.5	5.5	5.5	

Horizontal Pattern:

Azimuth Beam width (°)	360	360	360	360	360	360
Gain OMNI Deviation (dB)	3.5	5	5	5	6	7
Cross Polar Discrimination at Boresight (dB)	15	15	15	15	8	6

Vertical Pattern:

Elevation Beam width (°)	20	18	17	16	30	22
First Upper Side Lobe Suppression (dB)	11	11	11	11	8	9
Fixed Down Tilt (Factory setting) (°)	0, 5 (optional)					

In-Band Cross Polar Ports Isolation (dB)	20	20	20	20	20	20
Inter-Band Ports Isolation (dB)	25	25	25	25	25	25
VSWR	< 1.5 : 1(Typ.)					< 1.5 : 1(Typ.) 1.7 : 1(Max.)
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 / mm)	23.6 x Ø 7.9 / 600 X Ø 200		
Weight (without Mounting Kit) (lb / kg)	12.0 / 5.5		
Wind Load (@100 mph) (N)	142		
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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