

GN-IYF7/11HV-MIMO

Low PIM MIMO Log / 698-824, 824-960, 1695-2700 MHz / 8, 12 dBi

MIMO Log Periodic

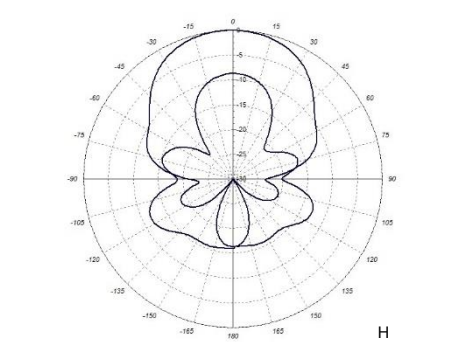
Frequency Range	698-824	824-960	1695-2700
HPBW	65°	55°	40°

Model No.	GN-IYF7/11HV-MIMO		
Frequency Range (MHz)	698-824	824-960	1695-2700
Gain (dBi)	8.7 ± 0.6	9.7 ± 1.4	12.0 ± 0.7
Horizontal Pattern:			
Azimuth Beam width (°)	65.3 ± 2.5	57.9 ± 4.3	40.1 ± 2.8
Front-to-Back Ratio (dB)	> 11.5	> 12.2	> 16.9
Vertical Pattern:			
Elevation Beam width (°)	65.6 ± 2.3	58.9 ± 4.3	41.1 ± 3.2
Isolation (dB)	18	18	20
VSWR	< 2:1	< 2:1	< 1.8:1
Polarization	Vertical & Horizontal or + 45°, - 45°		
Intermodulation IM3 (dBc)	< -153 (2x43 dBm carrier)		
Impedance (Ω)	50		
Max. Effective Power per Port (watts)	100		

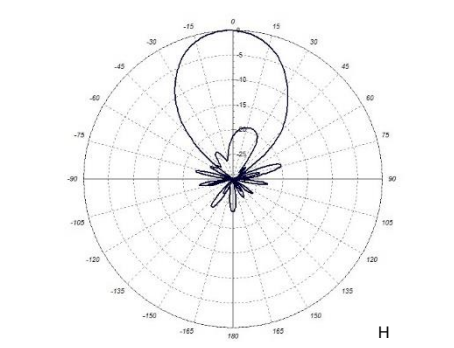
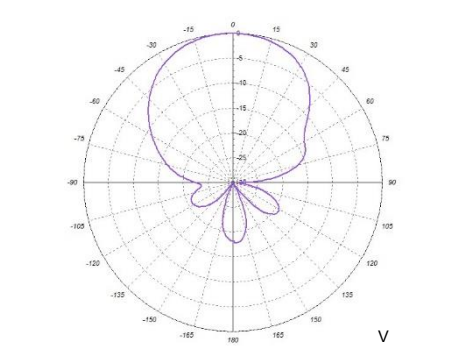
Values based on NGMN-P-BASTA requirements

Mechanical Specifications

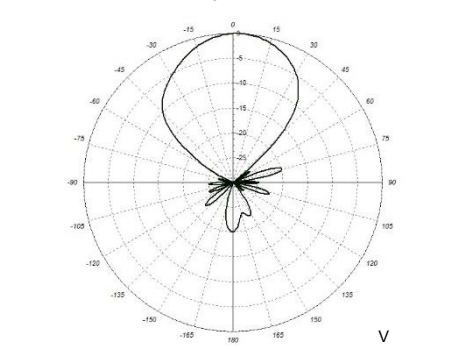
Connector Type & Quantity	N Female x 2	
Connector Position	Bottom	
Antenna Dimension (H x W x D) (mm/in)	850 x 130 x 130 33.5 x 5.1 x 5.1	
Weight (Clamp incl.) (kg/lb)	2.5 5.5	
Max. Wind Speed (mph)	150	
Radome (Color)	ASA (White)	
Product Environmental compliance	ROHS compliant	



Low Band



High Band



Mechanical Drawing & Configuration Table



698-960 / 1695-2700 +45	698-960 / 1695-2700 -45
● N Female	● N Female

