

A15V30DHFB

Low PIM Sharp Beam Link Antenna for DAS / 698-960 MHz / 15 dBi / H & V 29°

DAS Link		
Frequency Range	698-806	806-960
HPBW	29°	26°

Model No.	A15V30DHFB		
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Frequency Range	(MHz)	698-806	806-960
Gain	(dBi)	16.0 ± 0.6	16.7 ± 0.5

Horizontal Pattern:

Azimuth Beam width	(°)	29.2 ± 1.8	25.9 ± 1.6
Front-to-Back Ratio	(dB)	> 31.2	> 36.2

Vertical Pattern:

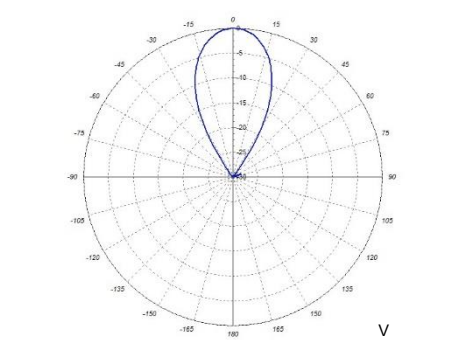
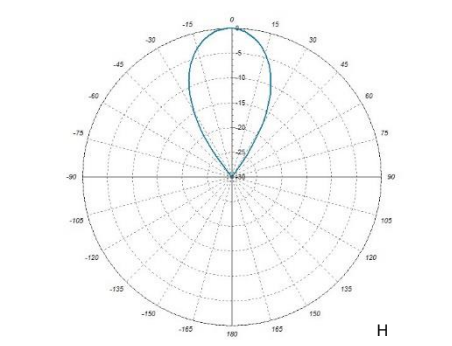
Elevation Beam width	(°)	29.9 ± 1.3	26.6 ± 2.5
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VSWR		< 1.5:1	< 1.5:1
Polarization		Vertical	
Intermodulation IM3	(dBc)	< -153 (2x43 dBm carrier)	
Impedance	(Ω)	50	
Max. Effective Power per Port	(watts)	100	

Values based on NGMN-P-BASTA requirements

Mechanical Specifications

Connector Type & Quantity		7-16 Female (Optional : N Female)
Connector Position		Backside
Antenna Dimension (H x W x D)	(mm/in)	700 x 700 x 137 27.6 x 27.6 x 5.4
Weight (Clamp incl.)	(kg/lb)	9 19.8
Wind Load (@100 mph)	(N)	Front 697, Side 135, Rear 697
Max. Wind Speed	(mph)	150
Radome (Color)		FRP (Gray)
Product Environmental compliance		ROHS compliant



Mechanical Drawing & Configuration Table

