

# L18V20DHFB

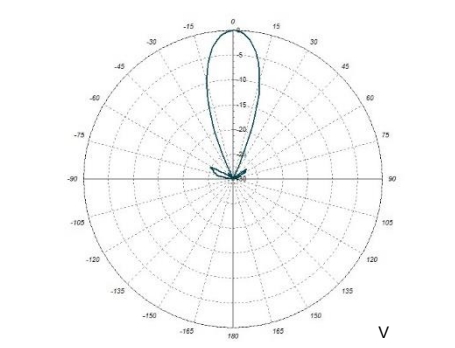
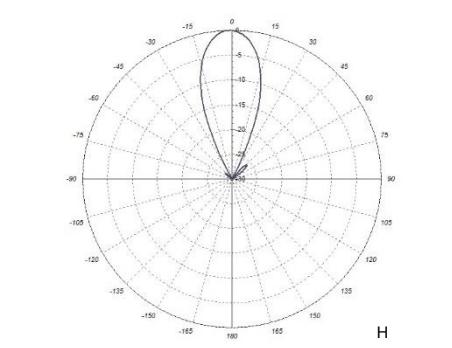
Low PIM Sharp Beam Link Antenna for DAS / 1695-2170 MHz / 18 dBi / 19°

<b>DAS Link</b>		
<b>Frequency Range</b>		1695-2170
<b>HPBW</b>		19°
<b>Model No.</b>		<b>L18V20DHFB</b>
<b>Frequency Range</b>	(MHz)	1695-2170
<b>Gain</b>	(dBi)	18.7 ± 0.9
<b>Horizontal Pattern:</b>		
<b>Azimuth Beam width</b>	(°)	19.7 ± 2.3
<b>Front-to-Back Ratio</b>	(dB)	> 38.7
<b>Vertical Pattern:</b>		
<b>Elevation Beam width</b>	(°)	18.5 ± 1.5
<b>VSWR</b>		< 1.5:1
<b>Polarization</b>		Vertical
<b>Intermodulation IM3</b>	(dBc)	< -153 (2x43 dBm carrier)
<b>Impedance</b>	(Ω)	50
<b>Max. Effective Power per Port</b>	(watts)	100

Values based on NGMN-P-BASTA requirements

## Mechanical Specifications

<b>Connector Type &amp; Quantity</b>		7-16 Female (Optional : N Female)
<b>Connector Position</b>		Backside
<b>Antenna Dimension (H x W x D)</b>	(mm/in)	533 x 533 x 73   21.0 x 21.0 x 2.9
<b>Weight (Clamp incl.)</b>	(kg/lb)	5   11.0
<b>Wind Load (@100 mph)</b>	(N)	Front 406, Side 59, Rear 406
<b>Max. Wind Speed</b>	(mph)	150
<b>Radome (Color)</b>		ASA (White)
<b>Product Environmental compliance</b>		ROHS compliant



**Mechanical Drawing & Configuration Table**

