

L20V13DHFB

Low PIM High F/B, High Gain Donor Antenna for ICS Repeater / 1710-2170 MHz / 20.5 dBi / H 13° & V 13°

Service Antenna for ICS Repeater

Frequency Range	1710-2170
HPBW	13°

Model No.	L20V13DHFB
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Frequency Range	(MHz)	1710-2170
Gain	(dBi)	20.5

Horizontal Pattern:

Azimuth Beam width	(°)	13
Front-to-Back Ratio	(dB)	> 38

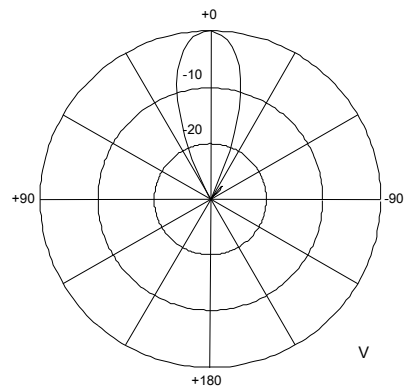
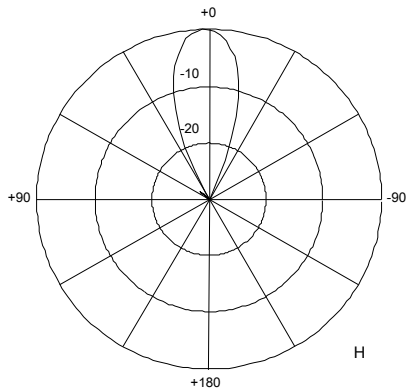
Vertical Pattern:

Elevation Beam width	(°)	13
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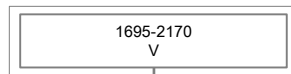
VSWR		< 1.5:1
Polarization		Vertical
Intermodulation IM3	(dBc)	< -153 (2x43 dBm carrier)
Impedance	(Ω)	50
Max. Effective Power per Port	(watts)	100

Mechanical Specifications

Connector Type & Quantity		7-16 Female
Connector Position		Backside
Antenna Dimension (H x W x D)	(mm/in)	600 x 600 x 140 23.6 x 23.6 x 5.5
Weight (Clamp incl.)	(kg/lb)	9.5 20.9
Wind Load (@100 mph)	(N)	Front 512, Side 120, Rear 512
Max. Wind Speed	(mph)	150
Radome (Color)		FRP (Gray)
Product Environmental compliance		ROHS compliant



Mechanical Drawing & Configuration Table



7-16 Female
(Optional : N Female)

