

**B21x2011-V00**  
**Log Periodic Antenna**  
**V-Pol 1-port 11dBi**  
**690-2690**



**Log Periodic Antenna 690-2690 11dBi**

Type	B2112011-v00 (4.3-10 Female)			B2152011-v00 (7/16 Female)	
	Frequency Range (MHz)	690-960	960-1695	1695-2200	2200-2490
Gain (dBi, typ.)	10.3	11.0	11.0	11.0	11.0
VSWR	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1.5
Polarization	Vertical				
PIM3 (dBc), @2x43dBm	≤ -150				
Horizontal Beamwidth (°)	67	57	53	47	41
Vertical Beamwidth (°)	54	50	48	45	44
Front-to-Back Ratio (dB)	≥ 20	≥ 20	≥ 25	≥ 25	≥ 25
Input Impedance (Ω)	50				
Max. Input Power (W)	250	250	200	200	200
Lightning Protection	DC Grounded				
Connector Type	1 x 4.3-10 Female			1 x 7/16 Female	
Dimension (mm)	300 x 155 x 785				
Weight (kgs)	5.5				
Reflector Material	Aluminum				
Radome Material	Fiber Glass				
Rated Wind Velocity (km/h)	200				
Operating Temperature (°C)	-40 to +65				
Mounting	Pole Mount for Ø38 to Ø52 included				
Wind Load (N) (@150km/h Wind Speed)	Frontal: 25.5 Lateral: 143.1 Rearside: 41.8				
Complaint to Environmental Standards	Dry Heat	GB/T 2423.2	(IEC 60068-2-2)		
	Cold	GB/T 2423.1	(IEC 60068-2-1)		
	Damp Heat	GB/T 2423.3	(IEC 60068-2-78)		
	Change of Temperature	GB/T 2423.22	(IEC 60068-2-14)		
	Salt Mist	GB/T 2423.17	(IEC 60068-2-11)		
	Ingress Protection	GB/T 10125	(ISO 9227)		
	Vibration	GB/T 4208	(IEC 60529)		
	Drop Test	GB/T 2423.10	(IEC 60068-2-64)		
	Drop Test	GB/T 2423.8 & 4857.5	(ISO 2248)		

(A)3WN221183107TECE/J)3WE221183107TECE

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