

**B24x2010-V00**  
**Log Periodic Antenna**  
**V-Pol 1-port 12/14dBi**  
**690-960 / 1425-4000**



**Log Periodic Antenna 690-960 / 1425-4000 12/14dBi**

Type	B2412010-v00 (4.3-10 Female)			B2452010-v00 (7/16 Female)	
	Frequency Range (MHz)	690-806	806-960	1425-2170	2170-2700
Gain (dBi, typ.)	11.5	12.5	13.5	13.5	13.5
VSWR	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1.5
Polarization	Vertical				
PIM3 (dBc), @2x43dBm	≤ -150				
Horizontal Beamwidth (°)	56	54	45	41	40
Vertical Beamwidth (°)	47	45	37	35	32
Front-to-Back Ratio (dB)	≥ 25	≥ 25	≥ 25	≥ 25	≥ 23
Input Impedance (Ω)	50				
Max. Input Power (W)	250				
Lightning Protection	DC Grounded				
Connector Type	1 x 4.3-10 Female			1 x 7/16 Female	
Dimension (mm)	250 x 200 x 1040				
Weight (kgs)	3.5				
Reflector Material	Copper				
Radome Material	Fiber Glass				
Rated Wind Velocity (km/h)	200				
Operating Temperature (°C)	-40 to +65				
Mounting	Pole Mount for Ø60 to Ø100 included				
Wind Load (N) (@150km/h Wind Speed)	Frontal: 33.3 Lateral: 124.5 Rearside: 54.6				
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)4WN421115107TECE/4WE421115107TECE

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