

# 742x2011

## Log Periodic Antenna 690-4000 11dBi

Log Periodic Antenna  
V-Pol 1-port 11dBi  
690-4000

Type	74212011			74252011		
Frequency Range (M Hz)	690-960	960-1695	1695-2200	2200-2490	2490-2690	3300-3800
Gain (dBi, typ.)	10.3	11.0	11.0	11.0	11.0	10.5
VSWR	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1.5
Polarization	Vertical					
PIM3 (dBc), @2x43dBm	≤ -150					
Horizontal Beamwidth (°)	67	57	53	47	41	63
Vertical Beamwidth (°)	54	50	48	45	44	55
Front-to-Back Ratio (dB)	≥ 20	≥ 20	≥ 25	≥ 25	≥ 25	≥ 25
Input Impedance (Ω)	50					
Max. Input Power (W)	250	250	200	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)		
		GB/T 10125		(ISO 9227)		
	Ingress Protection	GB/T 4208		(IEC 60529)		
	Vibration	GB/T 2423.10		(IEC 60068-2-64)		
Drop Test	GB/T 2423.8 & 4857.5		(ISO 2248)			

