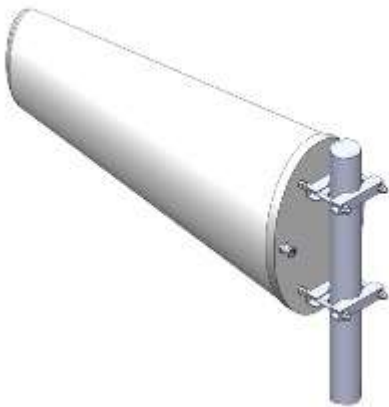


74212048
**Log Periodic Antenna
V-Pol 1-port**

Log Periodic Antenna
V-Pol 1-port
9/11/13/13dBi
380-698 / 698-960 /
1350-3800 / 3800 4000

Type	74212048				
Frequency Range (MHz)	380-698	698-960	1350-2170	2170-3800	3800-4000
Gain (dBi, typ.)	8.5	11	12.5	12.5	13
VSWR	≤ 2.0	≤ 1.6	≤ 1.6	≤ 1.6	≤ 1.6
Polarization	Vertical				
PIM3 (dBc), @2x43dBm	NA	≤ -150			NA
Horizontal Beamwidth (°)	100	60	53	51	46
Vertical Beamwidth (°)	60	50	42	38	35
Front-to-Back Ratio (dB)	18	23	30	28	30
Input Impedance (Ω)	50				
Max. Input Power (W)	200				
Lightning Protection	DC Grounded				
Connector Type	4.3-10F				
Dimension (mm)	1100 x 450 x 205				
Weight (kgs)	TBA				
Reflector Material	Copper				
Radome Material	Fiberglass				
Ingress protection	IP56				
Rated Wind Velocity (km/h)	200				
Operating Temperature (°C)	-40 to +65				
Wind Load (N) (@150km/h Wind Speed)	Frontal: 61.78 Lateral: 349.15 Rearside: 108.12				
Mounting	Bracket for Pole Ø50 to Ø80 included				
Complaint to Environmental Standards	Dry Heat	GB/T 2423.2		(IEC60068-2-2)	
	Cold	GB/T 2423.1		(IEC60068-2-1)	
	Damp Heat	GB/T 2423.3		(IEC60068-2-78)	
	Change of Temperature	GB/T 2423.22		(IEC60068-2-14)	
	Salt Mist	GB/T 2423.17		(IEC60068-2-11)	
		GB/T 10125		(ISO 9227)	
	Ingress Protection	GB/T 4208		(IEC 60529)	
	Vibration	GB/T 2423.10		(IEC60068-2-64)	
	Drop Test	GB/T 2423.8 & 4857.5		(ISO 2248)	



Mechanical Drawing

