

78721402

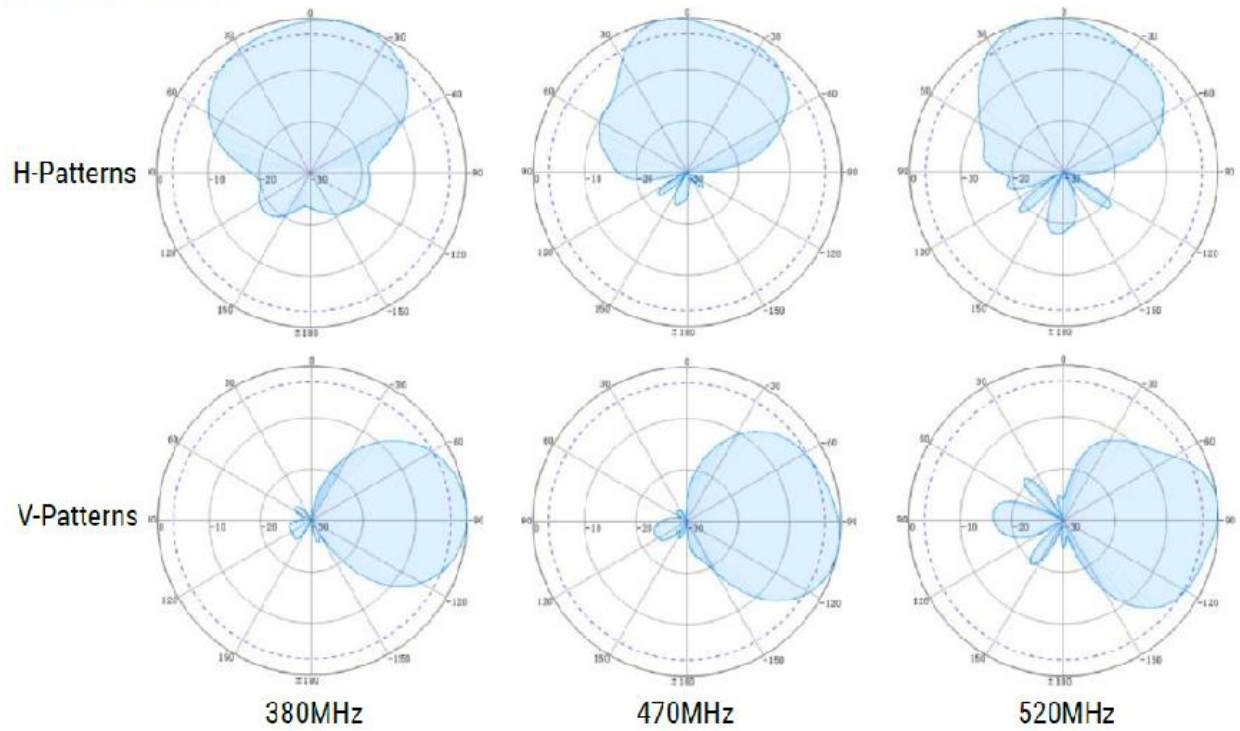
Log Periodic Antenna
V-Pol 1-port 10dBi
380-520

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380-520 10dBi

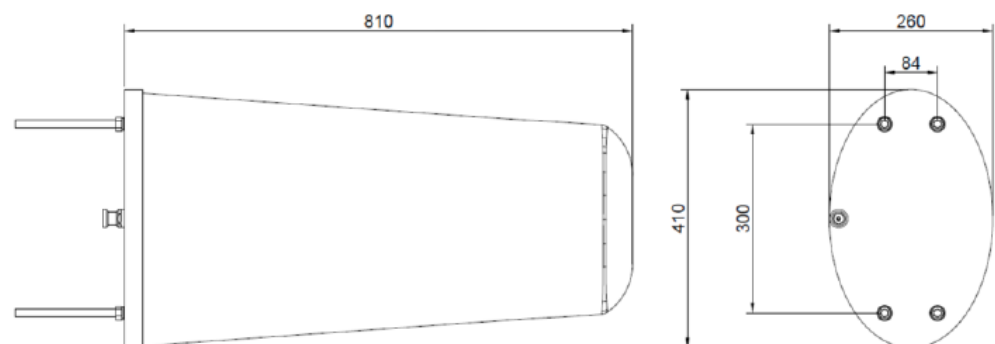
Type	78721402		
Frequency Range (MHz)	380-410	410-470	470-520
Gain (dBi)	9.5	10	10
VSWR	≤ 1.5	≤ 1.5	≤ 1.5
Polarization	Vertical		
Intermodulation IM3:(2x 43 dBm)	< -150 dBc		
Front to back ratio	≥19	≥19	≥17
Horizontal Beamwidth (°)	75	60	58
Vertical Beamwidth (°)	60	53	51
Input Impedance (Ω)	50		
Max. Input Power (W)	500		
Lightning Protection	DC Grounded		
Connector Type	7/16 Female		
Dimension (mm)	810 x 410 x 260		
Windload (N) at 150Km/h wind speed	Frontal 76.89 Lateral 235.12 Rearside 134.55		
Max. wind speed (km/h)	200		
Weight (kgs)	5		
Reflector Material	Copper		
Radome Material	Fiberglass (RAL7035)		
Operating Temperature (°C)	-40 to +65		
Mounting	4 x M12 Threaded Rods (L=162mm) with Washers and Nuts 2 sets of brackets included for pole size Ø38-Ø70mm All mounting materials and accessories in 316 stainless steel		



Typical Radiation Patterns



Mechanical Drawing



Mounting thread rod Illustration

