

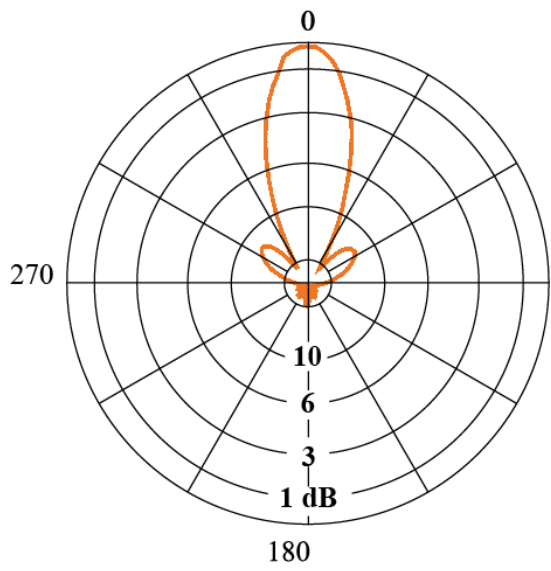


RF DATA

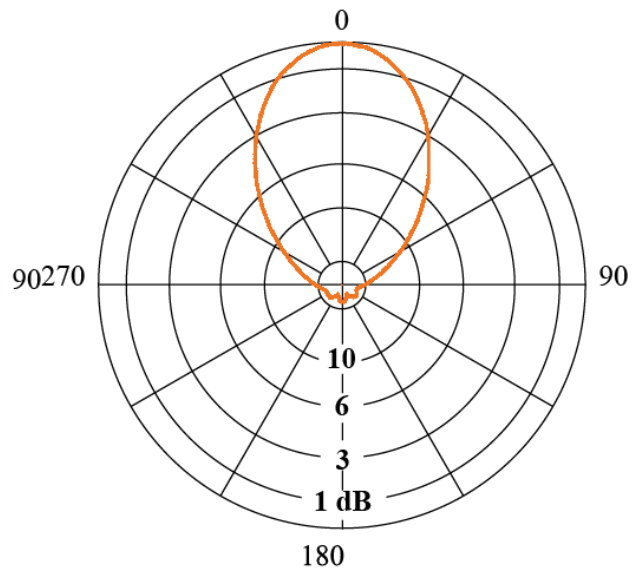
Frequency range	470 - 860 MHz
Bandwidth	Broadband
Polarization	Vertical
Connectors:	
APV8/N	N female
APV8/716	DIN 7/16" F 90°
APV8/78	EIA 7/8" 90°
Max. power handling capability:	
APV8/N	0.5 kW
APV8/716	1.5 kW
APV8/78	2.5 kW
Gain (at mid-band, ref. to $\lambda/2$ dipole)	10.5 dBd
VSWR (in the whole band)	<1.1:1
Impedance	50 Ω
Wind load (ref. 150 Km/h):	
-Frontal	49 Kg
-Lateral	30 Kg
Grounding	Via clamps
Half Power Beamwidth:	
E-plane.....	$\pm 15^\circ$
H-plane	$\pm 32^\circ$

MECHANICALS

Materials:	
Radiators	Brass and aluminum
Reflector	Stainless steel
Radome	Fiberglass
Clamps	Hot-dip galvanized steel
Pole diameter	60 - 102 mm (others on request)
Dimensions (HxWxD) (EIA 7/8").....	759x460x240.5 mm
Weight (with pole clamp)	15.5 Kg



E-Plane



H-Plane