

AP3 Series

RF DATA	Frequency Range:	170 – 230 MHz
	Bandwidth:	Broadband
	Polarization:	
	APO 3	Horizontal
	APV 3	Vertical
	Connectors:	
	APO 3/716 – APV3/716	DIN 7/16"
	APO 3/78 APV3/78	EIA 7/8"
	Max. power handling capability:	
	APO 3/716 – APV3/716	1.5 kW
	APO 3/78 APV3/78	2 kW
	Gain (at mid band, ref. to $\lambda/2$ dipole)	7.5dBd
	VSWR (in the whole band):	
	APO	<1.2:1
	APV	<1.2:1
	Impedance:	50 Ω
	Wind load (ref. 160 Km/h):	
	Frontal	35 kg
	Lateral	7 kg
	Grounding	via clamps
	Half Power Beamwidth	
	E-plane	$\pm 35^\circ$
	H-plane	$\pm 28^\circ$
MECHANICAL DATA	Dipoles	Stainless steel
	Reflector	Hot-Dip galvanized steel
	Clamps	Stainless steel
	Pole diameter	60-110 mm
	Dimensions (HxWxD)	1240x870x400 mm
	Weight	21 Kg