



VA-90-17-T0

Vertically polarised single band antenna.

Main Specification

Polarisation	Vpol
Gain	16.5 dBi
HBW	85°
Elec Downtilt	0°
Frequency	820-960 MHz

Electrical Specifications	Units	Value
Frequency	MHz	820-960
Gain	dBi	16.5
Horizontal -3dB Beamwidth	degree	85
Vertical - 3dB Beamwidth	degree	8
Electrical Downtilt	degree	0
Front To Back Ratio	dB	>25
Isolation between Polarizations	dB	N/A
First Upper Side Lobe Suppression	dB	14
VSWR		1.33
Impedance	Ohms	50
Intermodulation 3rd Order	dBc	-150
Maximum Power Input	W	400

Mechanical Specifications

Input Connector	1 x 7/16 DIN Female
Connector Location	Bottom
Dimension H x W x D	2535 x 255 x 100mm
Windload @ 200 km/h	Front 1185N / Side 480N / Rear 1956N
Weight	15kg



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Lightning Protection	DC Ground
Reflector Material	Aluminium
Radome Material / Colour	GRP / Light Gray