

Dual Polarized Directional Antenna

Specifications

Frequency Band	470MHz to 698MHz
Polarization	Horizontal / Vertical
VSWR / Impedance	Nominal 1.5:1 / 50 Ohms
Gain	7.5 dBi to 8.5 dBi across the frequency band
Port-to-Port Isolation – cross polarized ports	30dB between ports
Cross polarization discrimination at bore sight	30dB
3 dB Beamwidth Azimuth and Elevation	68° to 88° across the frequency band
Front to Back Ratio	15.5 dB to 18 dB across the frequency band
Input Power	100 Watts
GPS antenna	4dBic, RHCP, TNC connector
Size / Weight	14.0 x 14.0 x 5.3 / 5 lbs including pole mount bracket
Connector for UHF antenna	Type N female, 2x
Mounting options	Pole Mount included
Application Environment	IP67, and tested at 2meters for 1 hour for water intrusion
Construction	Polyester Coated Aluminum or 316 Stainless

