



Notch Antenna Datasheet



Maritime



Aerospace



Ground

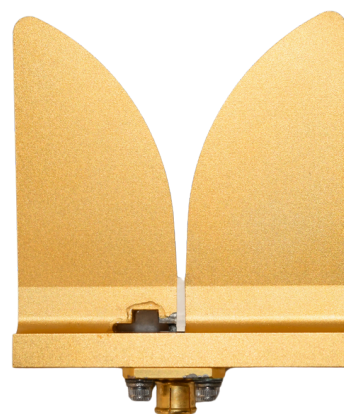


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1-18 GHz Single Linear High-Power Notch Antennas

Parker Meggitt notch antenna series radiators provide excellent broad-spectrum coverage, field-of-view and high-power capabilities for EW and ECM applications. Bandwidths up to 18:1 with suitable gain performance are offered in both single and dual polarized configurations. These antennas typically exhibit low VSWR and high isolation (dual) across the band of operation. These models, when paired with a broadband composite low loss radome, make an optimal choice for high-power airborne platforms. Parker Meggitt multilayer high transmissibility radomes are flight qualified and provide structural and RF performance dependability for the military aerospace environment.



Key Features and Specifications:

Single and Dual Linear Polarization	Available With Radome
Simultaneous Power up to 500 W (dual only)	Typical VSWR <2:1
Broad field-of-view	Optimum Gain Performance

Frequency Range	1 - 18 GHz
Power (Watts)	500
Gain (dBi)	7.0 Typ.
VSWR (Max)	2.5:1
Polarization	Single Linear
HPBW (degrees)	50
Connector	TNC
Size (in.)	6 x 5 x 1
Weight (oz.)	2
Isolation (dB)	N/A