

CFD20120

Rugged MIL-SPEC VHF Antenna - Configurable Mount Options HF and VHF 20-120 MHz

The CFD20120 is a rugged MIL-SPEC broadband collinear antenna covering 20-120 MHz HF and VHF communications. Designed and manufactured in Lindenow, Victoria, it features a two-piece detachable build for easy transport and rapid field assembly, a brass universal connector, and compatibility with US 4-hole and NATO 6-hole mounting standards. Built for tactical radios, military vehicles, and command platforms where reliable wideband coverage and rugged construction are non-negotiable.

Construction	2-piece UV rated green finish, fibreglass radome with embedded copper radiators, hard copper base ferrule, green finish stainless steel middle joining ferrules.
Frequency range	20-120 MHz - HF and VHF
Bandwidth	Full frequency range stated - 100 MHz
Tuning	Factory
VSWR	3.5:1
Gain	-4.0 to + 2.1 dBi
Maximum power	100 Watts
Impedance	50 Ohms
Polarisation	Vertical
H Plane	360° omnidirectional
E Plane	89°
Connector	BNC female - Please specify mounting base.
Height - assembled	3.15 metres
Base diameter	140mm
Weight	3.8kg
Mounting hardware order separate	CFD4HBASE - US 4-hole mount base with BNC female fitted in base CFD6HBASE - NATO 6-hole mount base with BNC female fitted in base CFD-PM - Heavy-duty pole mounting assembly with spring base and 200mm external cable and BNC female fitted CFD-SB - Heavy-duty barrel spring base mount with 200mm external cable BNC female fitted
Wind rating	<150 mph
Temperature rating	Operating: -50°C to +75°C Storage: -50°C to +60°C
Humidity rating	Operating: 10% to 90% - non-condensing Storage: 5% to 90% - non-condensing



Base not supplied with antenna. Order separately





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