CFD20512

MIL-SPEC VHF and UHF rugged antenna with mast mount base
VHF 20-512 MHz

Build To Order

The CFD20512 rugged MIL-SPEC detachable VHF and UHF centre-fed collinear with mast mount base antenna is designed and constructed for the harsh environments experienced by military hardware and intended locations.

The mast mount base has an external top mount connector for antenna connection and an internal N-type female connector located inside the mount adaptor assembly for easy connection, protection and/or inspection. A custom cable assembly can be supplied to suit your communication equipment termination, consult ZCG on your requirements.

Construction	2-piece UV rated green finish, fibreglass radome with embedded copper radiators, green finish joining ferrules, black finish mast mount adaptor with internal N-type female connector, black finish mount bracket and U-bolts.
Frequency range	20-512 MHz - VHF and UHF
Bandwidth	Full frequency range stated - 492 MHz
Tuning	Factory
VSWR	<3.0:1
Gain	See diagram on following page
Maximum power	100 Watts - CW
Max high voltage rating	16kV
Impedance	50 Ohms
Polarisation	Vertical
H Plane	360° omnidirectional ± 0.5 dBd
Connector	N-type female in recess of mast mount base
Height - assembled	3.12 metres
Mount base height	230mm
Weight	Antenna and mount base: 4.65kg
Mounting hardware order separate	Heavy-duty mount base with US 4-hole
Wind rating	45 m/s (160 mph)

Standard base option:
Heavy-duty mast mount base mount bracket and 2 x U-bolts

Alternate base option:
Heavy-duty mount base with US 4-hole, heavy-duty spring and top termination

+61 3 5157 1203
www.zcg.com.au

1 Year Manufacturers Warranty
Terms & Conditions apply.

Specifications are subject to change without prior notice

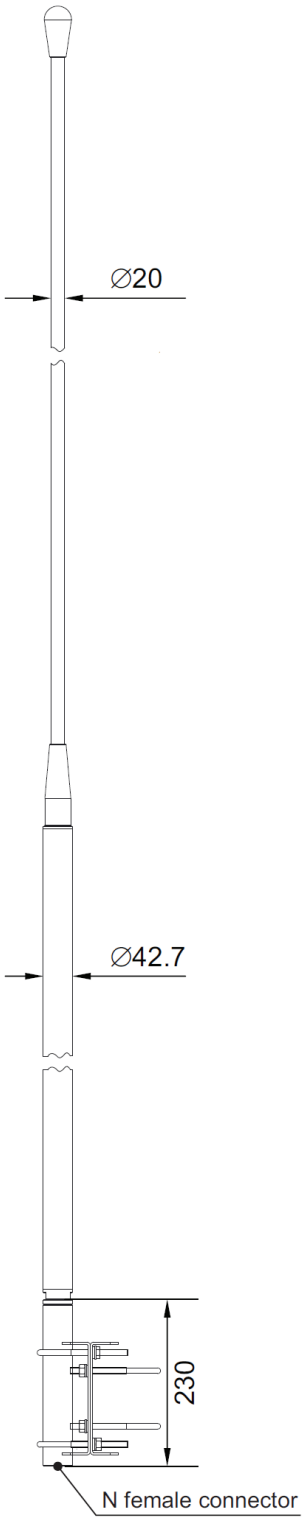
Updated 9th April 2023

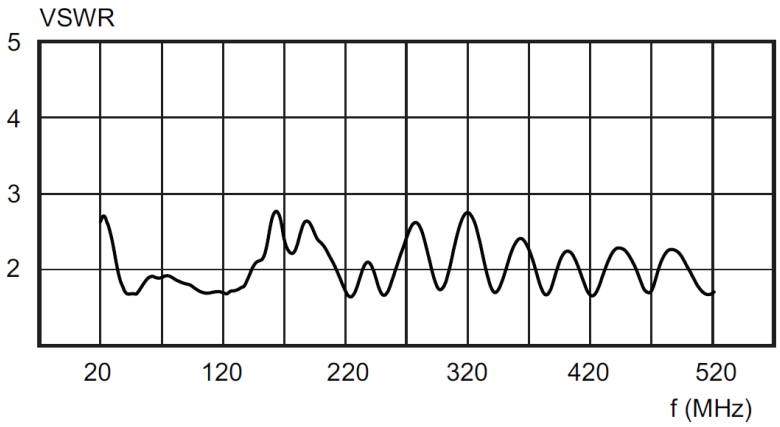
CFD20512

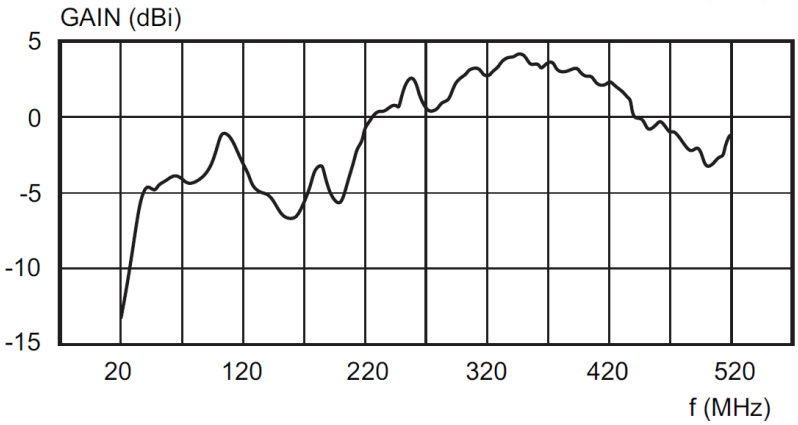
MIL-SPEC VHF and UHF rugged antenna with mast mount base
VHF 20-512 MHz

RoHS COMPLIANT

Build To Order





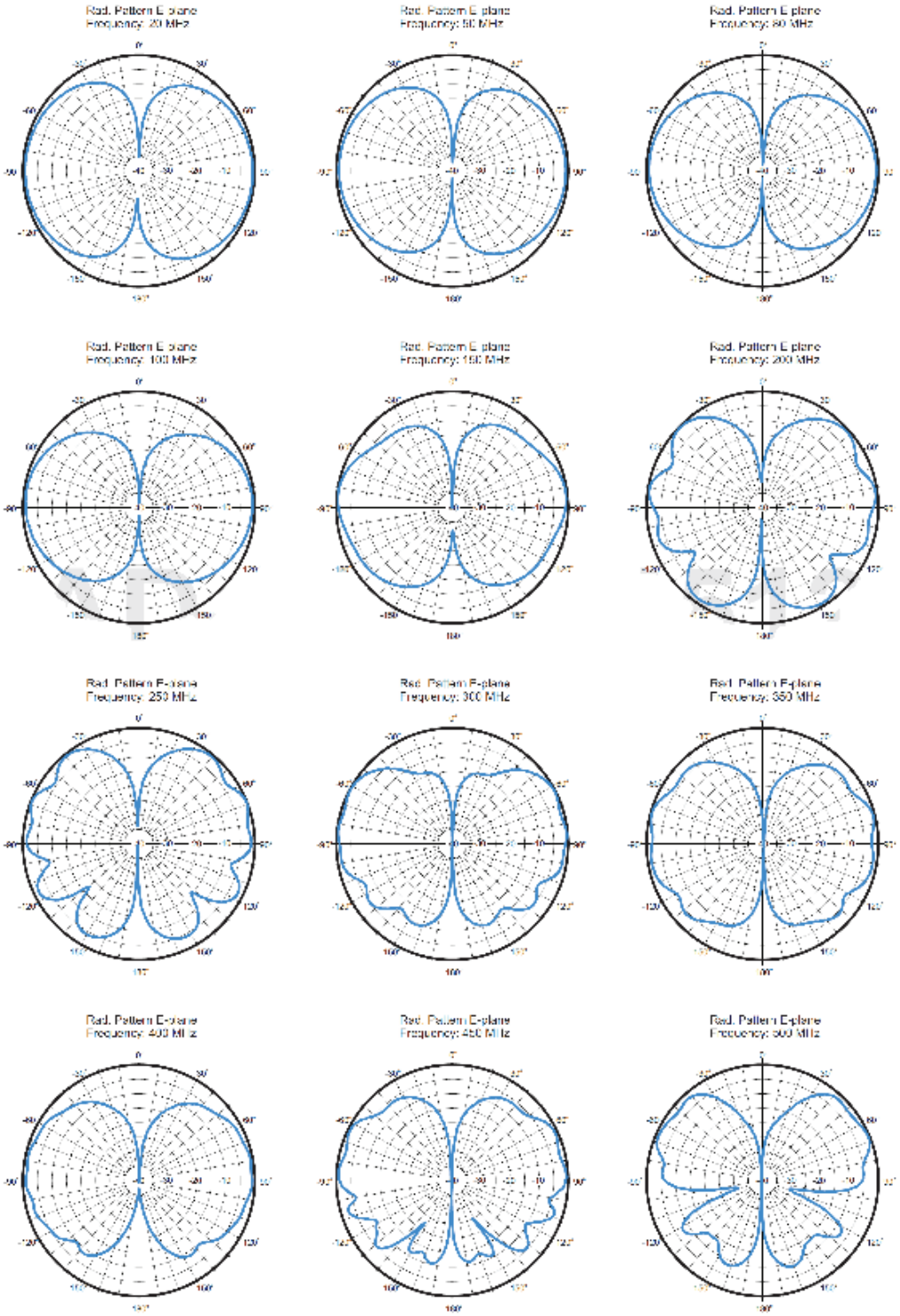


RoHS COMPLIANT

CFD20512

MIL-SPEC VHF and UHF rugged antenna with mast mount base
VHF 20-512 MHz

Build To Order



1 Year Manufacturers Warranty
Terms & Conditions apply.

Specifications are subject to change without prior notice