

## M56SS-MIL-VHF40

MIL-SPEC monocone  
VHF 135-175MHz

Designed and manufactured for naval military conditions and terrain the M56SS-MIL-VHF40 is suited for mounting to either a naval vessey or structure.

With an omni-directional radiation pattern and integral ground plane, this monocone produces a low angle of radiation making it comparable with centre-fed dipoles

Mounting hardware, coaxial feeder cables, connectors and other installation accessories are all available separately.

Specifications	M56SS-MIL-VHF40
Construction	Grey PVC radome, 316 grade stainless steel radials and 316 stainless steel mount section with cable grommet
Frequency range	VHF 135-175MHz
Bandwidth	Full band
VSWR	<1.5:1 VSWR across full band
Tuning	Factory
Gain	0dBd
Maximum power	500 Watts
Impedance - nominal	50 Ohms
DC grounding	Yes
Polarisation	Vertical
H Plane	360° omni-directional, $\pm 0.5$ dBd
E Plane	65° - vertical beamwidth
Connector	N-type female, weather sealed at base of mount section
Height	1.57 metres
Weight	3.8kg
Projected area	0.065m <sup>2</sup>
Wind load at 160kph	0.078kN, 7.9kg
Mount section	38mm x 300mm
Mounting hardware (order separate)	Mast mount: 2 x UAM180L or 1 x UAM90L or Side/wall mount: 2 x NSM-218 or consult ZCG for advice
Mounting position (recommended)	Mount as high on your vessel, structure mast or tower as possible using the appropriate mounting clamps

