

M55SS-MIL

Air Band 118-137MHz

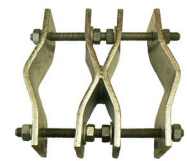
MIL-SPEC monocone

Designed and manufactured for naval military conditions and terrain the M55SS-MIL is suited for mounting to either a naval vessel 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	M55SS-MIL
Construction	Grey radome, 316 grade stainless steel radials and 316 stainless steel mount section
Frequency	Airband 118-137MHz
Bandwidth	Full band
Return loss, VSWR	<1.5:1 VSWR across full band
Tuning	Factory
Gain	0 dBd
Maximum power	500 Watts
Impedance - nominal	50 Ohms
DC grounding	Yes
Polarisation	Vertical
H Plane	360° omni-directional, ± 0.5 dBd
E Plane	65° - vertical beamwidth
Connector	N-type female, weather sealed at base of mount section
Height	1.7 metres
Weight	4.6kg
Projected area	0.076m ²
Wind load at 160kph	0.09kN, 9.199kg
Mounting section	38mm x 300mm 316 stainless steel
Mounting hardware (order separate)	Mast mount: 2 x UAM180L or 2 x UAM90L 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



UAM180L



UAM90L



NSM-218