

HM218-AMFM

Omni-directional mast or side mount vertical radiator AM Radio 530-1700 kHz and FM Radio 87.5-108 MHz

The HM218-AMFM mast or side mount collinear is designed and manufactured for AM/FM radio receive radio improvement.

The HM218-AMFM is suitable for structure/tower mounting or for larger vessels.

Please note: the antenna will not receive AM/FM radio where no signal is present.

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

Construction	2-piece white tapered fibreglass radome, 304 stainless steel mount section and external cable assembly
Frequency range	530-1700 kHz - AM Radio and 87.5-108 MHz - FM Radio
Tuning	Factory
Gain	Receive only
Maximum power	Receive only
Polarisation	Vertical
Cable	5.7 metre RG58 stranded white - bottom exit from mount section
Connector	Solderless 'easy-fit' male car radio connector - supplied not fitted
Height	5.5 metres assembled - 3.65 metres packed
Weight	7.0kg
Mount section	595mm x 38.1mm - 304 stainless steel
Projected area	1.03m ²
Wind load at 160kph	12.469kg, 0.122kN
Mast mounting order separate	Parallel: 2 x UAM180L or UAM180UNI Right-angle: 2 x UAM90L or UAM90UNI
Side mounting order separate	2 x NSM-218
Mounting position recommended	Mount as high on your structure/tower or vessel as possible ensuring no obstructions around antenna.
Installation tools required	16mm spanner for sectional securing

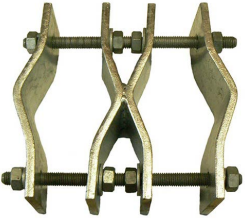
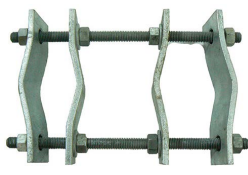
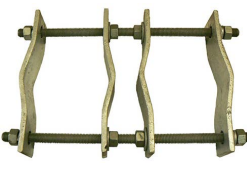
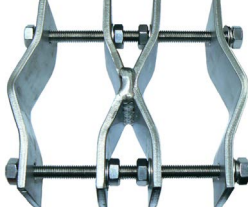
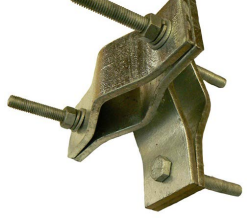




'Easy-fit' male car radio connector
supplied not fitted



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Suitable mounting hardware

 <p>UAM180L - requires 2 Galvanised steel parallel clamp Boom: 40-75mm capability Mount pole: 40-75mm capability</p>	 <p>UAM180UNI - requires 2 Galvanised steel large parallel clamp Boom: 40-70mm capability Mount pole: 40-90mm capability</p>
 <p>UAM180UNIL - requires 2 Galvanised steel extra large parallel clamp Boom: 40-90mm capability Mount pole: 60-115mm capability</p>	 <p>UAM180L-SS316 316 grade stainless steel large heavy-duty parallel clamp Boom: 40-75mm capability Mount pole: 40-75mm capability</p>
 <p>UAM90L - requires 2 Galvanised steel right-angle clamp Boom: 40-75mm capability Mount pole: 40-75mm capability</p>	 <p>UAM90UNI - requires 2 Galvanised steel large right-angle clamp Boom: 40-70mm capability Mount pole: 40-90mm capability</p>
 <p>UAM90LL - requires 2 Galvanised steel extra large right-angle clamp Boom: 60-115mm capability Mount pole: 60-115mm capability</p>	

Suitable feeder coaxial cable

 <p>MIL-SPEC RG213 stranded conductor, solid PE dielectric coaxial cable P/N 7800 Available in 100m, 300m roll or alternatively request a custom cable assembly</p>	 <p>N-type male crimp connector for RG213 stranded core, solid PE dielectric coaxial cable P/N 7937 Tri-metal plated</p>
 <p>RU400 Solid copper conductor, low loss coaxial cable CNT-400 / LMR-400™ equivalent (* times microwave) P/N 7890 Available in 100m, 300m, 500m roll or alternatively request a custom cable assembly</p>	 <p>N-type male crimp connector for RU400 low loss, solid conductor, foam PE dielectric coaxial cable P/N 8226 Tri-metal plated</p>