

NEW

B19-SAR-164

VHF Band 148-174MHz

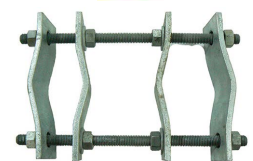
Ruggedised coaxial dipole

The B19-SAR-164 VHF broadband ruggedised coaxial dipole provides a high strength, high quality fixed position antenna solution. It is ideal for omni-directional low power transmit and receive applications up to 100 Watts. Ideal for tough conditions and high load environments.

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

Specifications	B19-SAR-164
Construction	Ruggedised fibreglass radome and stainless steel mount section
Frequency range	VHF 148-174MHz Band
Maximum bandwidth	Full Band
Return loss, VSWR	<1.5:1 VSWR centre and 1.8:1 VSWR on edges
Tuning	Factory
Gain	0 dBd
Maximum power	100 Watts
Impedance - nominal	50 Ohms
DC grounding	Yes
Polarisation	Vertical
H Plane	360° omni-directional, ± 0.5 dBd
E Plane	66°
Connector	N-type female in base of mount section - no cable
Height	1.9 metres
Weight	2.4kg
Projected area	0.078m ²
Wind load at 160kph	9.4kg, 0.092kN
Mount tube	50.8mm x 480mm
Mounting hardware (order separate)	Mast mounting: 2 x UAM180UNI or 2 x UAM90UNI Side/wall mounting: NSM-223
Mounting position (recommended)	Mount as high as possible on your structure, mast or tower using the appropriate mounting clamps

An inverted model is also available, see B19-SAR-164-INV



UAM180UNI



UAM90UNI



NSM-223