

## B19-SAR-164-INV

Inverted ruggedised coaxial dipole

VHF Band 148-174MHz

The B19-SAR-164-INV VHF broadband inverted ruggedised coaxial dipole provides a high strength, high quality fixed position antenna solution. It is identical in appearance as the standard B19-SAR-164 but is designed for inverted mounting only.

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

Specifications	B19-SAR-164-INV
Construction	Ruggedised fibreglass radome and stainless steel mount tube
Frequency range	VHF 148-174MHz band
Maximum bandwidth	Full Band
VSWR	<1.5:1 at centre and <1.8:1 on edges
Tuning	Factory
Gain	0dBd
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 top of mount section
Height	1.9 metres
Weight	2.4kg
Projected area	0.078m <sup>2</sup>
Wind load at 160kph	9.4kg, 0.092kN
Mount section	50.8mm x 480mm - to be at top of antenna
Mounting hardware (order separate)	2 x UAM180UNI or 2 x UAM90UNI
Mounting position (recommended)	Inverted mount as high as possible on your structure, mast or tower using the appropriate mounting clamps



Bottom cap - remove black tab before installation to open drain hole



Antenna top - no drain hole present, waterproof must be applied over termination

A vertical mounted model is also available, see B19-SAR-164