

G46-SP4.5

**Airband 118-137MHz
Mast mount collinear**

The G46-SP4.5 is a specially adapted collinear for communications within the Airband spectrum 118-137MHz, suitable for both commercial or military applications.

Coaxial feeder cable, bird proofing, water-proofing and other installation accessories are all available separately.

Specifications	G46-SP4.5
Construction	White fibreglass radome, aluminium mount section and tri-metal plated termination
Frequency range	Airband 118-137MHz
Bandwidth	Specify any 3% when ordering
Return loss, VSWR	<1.5:1 across specified bandwidth
Tuning	Factory
Gain	4.5 dBd
Impedance - nominal	50 Ohms
Maximum power	250 Watts
DC grounding	Yes
Polarisation	Vertical
H Plane	360° omni-directional, ± 0.5 dBd
E Plane	25°
Connector	N-type female in base of mount section - no cable
Height at lowest frequency	5.5 metres
Weight	13.0kg
Projected area	0.16m
Wind load at 160kph	19.0kg, 0.19kN
Mount section	48mm x 600mm
Mounting hardware (order separate)	2 x UAM180L parallel or 2 x UAM90L right-angle
Mounting position (recommended)	Mount as high on your structure, mast or tower as possible using the appropriate mounting clamps

