

G23-R

Omni-directional VHF collinear 148-174MHz

The G23-R omni-directional fixed position collinear is designed for VHF 148-174MHz frequency range. The G23-R is a ruggedised and black version of the standard G23 collinear.

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

Specifications	G23-R
Construction	Black painted fibreglass radome, galvanised steel mount section and tri-metal plated termination
Frequency range	VHF 148-174MHz
Maximum bandwidth	Any 4% or specify Transmit and Receive on order
Return loss, VSWR	Better than -14dB, 1.5:1 across specified bandwidth
Tuning	Factory
Gain	3 dBd - 5.1dBi
Maximum power	250 Watts
Impedance - nominal	50 Ohms
DC grounding	Yes
Polarisation	Vertical
H Plane	360° omni-directional, ± 0.5 dBd
E Plane	39°
Connector	N-type female in base of mount section
Height at 148MHz	3.5 metres - higher frequencies, height will be reduced
Weight	8.9kg at lowest frequency
Projected area	0.126 m ² - no ice, 0.214 m ² - with ice build-up
Wind load at 160kph	15.3kg, 0.149kN
Mount section	350mm x 60.4mm - stainless steel
Mounting hardware (order separate)	2 x UAM180L or UAM90L - 40-75mm capability or 2 x UAM180UNI or UAM90UNI 40-90mm capability

