



SG600 Series

Omnidirectional UHF collinear mast mount or magnetic mount

UHF 600-650 MHz



The SG600-series of collinears are suitable for use as interior or exterior wireless microphone antennas or any UHF application within the 600-650 MHz frequency range.

The SG600-MGB requires a metallic surface for mounting.

Alternate connectors, coaxial feeder cable, adaptors and other installation accessories are all available separately.

SKU	SG600-MMA	SG600-MGB
Construction	White fibreglass radome, aluminium ferrule and mast mount adaptor	Black fibreglass radome, aluminium ferrule, magnetic base and cable assembly
Frequency range	UHF 600-650 MHz centred at 620 MHz	
Bandwidth	Full frequency range stated - 50 MHz	
VSWR	<1.5:1	
Tuning	Factory	
Gain	5.1 dBi	
Impedance - nominal	50 Ohms	
Maximum power	30 Watts	
DC grounding	Yes	
Polarisation	Vertical	
H Plane	360° omnidirectional	
E Plane	32°	
Cable	5 metres RG58 low loss - side exit from ferrule	
Connector	N-type female fitted to cable or specify requirements	SMA male fitted to cable - or specify requirements
Dimensions	Height: 900mm	Height: 800mm, base diameter: 105mm
Weight	900grams	1.1 kg
Mounting requirements	Parallel: 2 x EB1-SS or 1 x UB3-SS Right-Angle: 2 x RB8 or 1 x UB2-SS order separate	Magnetic base requires a metallic magnetic surface
Mounting position recommended	Mount as high as possible on your structure or tower to achieve stated performance levels	





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Suitable mounting hardware




SKU: CFB** series**
Galvanised steel 'J' hockey stick brackets, 1.1 - 2.7 metres.

Requires mounting screws/ bolts and mounting hardware for antenna



SKU: SFB** Series**
Galvanised steel pole extension 0.9-2.0 metres
Roof or overhang mounting

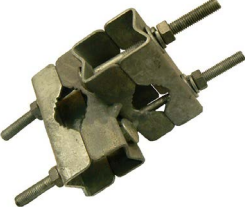
Requires mounting screws/ bolts and mounting hardware for antenna



SKU: EB1-SS
2 units recommended
304 stainless steel parallel clamp
Boom: 20-40mm capability
Mount pole: 25-45mm capability



SKU: UB3-SS
304 stainless steel parallel clamp
Boom: 20-32mm capability
Mount pole: 20-50mm capability



SKU: RB8
2 units recommended
Galvanised steel steel right-angle clamp
Boom: 20-50mm capability
Mount pole: 20-50mm capability



SKU: UB2-SS
304 stainless steel steel right-angle clamp
Boom: 20-50mm capability
Mount pole: 20-50mm capability

Suitable feeder coaxial cable and connectors



SKU: 7890-2
RU400-UF ultra flexible stranded conductor, low loss coaxial cable

Available in 100m, 300m, 500m roll or alternatively request a custom cable assembly



SKU: NM-8226
N-type male crimp connector for RU400-UF ultra flexible, stranded conductor cable

Tri-metal plated



SKU: 7890
RU400 low loss, solid copper core, foam dielectric cable

Available in 100m, 300m or 500m (UF only) roll or alternatively request a custom cable assembly



SKU: NM-8226
N-type male solder pin crimp connector for RU400 / RU400-UF coaxial cable

Tri-metal plated - Low P.I.M.



SKU: 7890-3
RU600 low loss, solid copper core, foam dielectric cable

Available in 500m roll or alternatively request a custom cable assembly



SKU: NM-8226-2
N-type male solder pin crimp connector for RU600 coaxial cable

Tri-metal plated - Low P.I.M.