

SG600 Series

UHF/ Wireless microphone

600-650MHz

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

Specifications	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 600-650MHz centred at 620MHz	
Bandwidth	Full band	Full band
VSWR	<1.5:1 full band	<1.5:1 full band
Tuning	Factory	Factory
Gain	5.1 dBi	5.1 dBi
Impedance - nominal	50 Ohms	50 Ohms
Maximum power	30 Watts	30 Watts
DC grounding	Yes	Yes
Polarisation	Vertical	Vertical
H Plane	360° omni-directional	
E Plane	32°	32°
Cable	5 metres RG58 low loss - side exit from ferrule	
Connector	N-type female fitted to cable or specify	SMA male fitted to cable - or specify requirements
Dimensions	Height: 900mm	Height: 800mm, base diameter: 105mm
Weight	900grams	1.1kg
Mounting requirements	2 x EB1-SS or 1 x UB3-SS - order separate	Magnetic base requires a metallic magnetic surface
Mounting position (recommended)	Mount as high as possible to ensure a true omni-directional pattern.	

