



CM1600 series

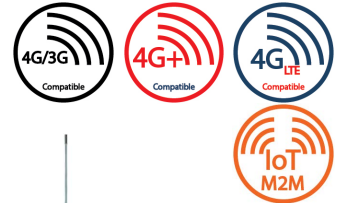
All Networks 4G LTE or lower 4G/3G

700-788 MHz, 825-890 MHz or 890-960 MHz



These mast mount models offer the maximum gain and reception range practical in a omnidirectional, mobile phone or wireless data fixed position antenna.

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



	CM1600-4GX	CM1600AM	CMG1600AM-AC
Construction	White fibreglass radome, 304 stainless steel mount section, aluminium cap (-AC model) and bottom exit chrome termination		
Frequency range	700-788 MHz - 4G LTE	825-890 MHz - Lower 4G/3G Telstra within Australia	890-960 MHz - lower 4G/3G Optus & Vodafone within Australia
Bandwidth	Full frequency range stated		
VSWR	<1.6:1		
Tuning	Factory		
Gain	8.1 dBi		
Maximum power	20 Watts		
Impedance	50 Ohms		
DC grounding	Yes		
Polarisation	Vertical		
H Plane	360° omni-directional		
E Plane	14°	14°	14°
Connector	N-type female jack connector in base of mount section - no cable		
Height	1.85 metres	2.4 metres	2.4 metres
Weight	730grams	700grams	690 grams
Mount section	420mm x 20mm - 304 stainless steel		
Mounting hardware order separate	Parallel mast mounting: 2 x EB1-SS or 1 x UB3-SS Right-angle mast mounting: 2 x RB8 or 1 x UB2-SS Side/Wall Mounting: 2 x NSM-B20M		
Mounting position recommended	Mount as high on your mast/tower or structure using the appropriate clamp/s to achieve stated levels/performance.		



Aluminium top cap for reduced environmental and animal damage
CMG1600AM-AC only



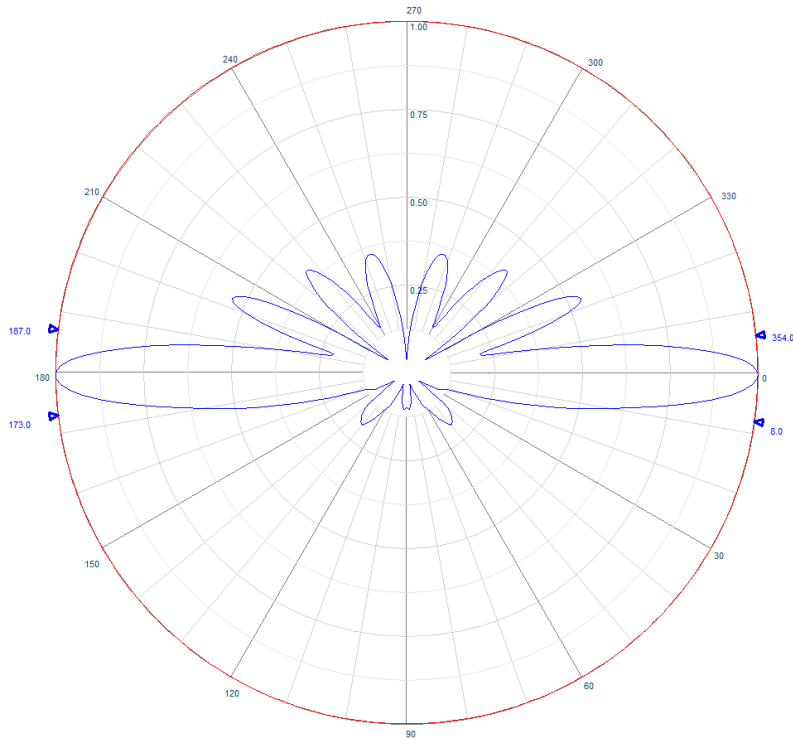
N-type female termination at base of mount section



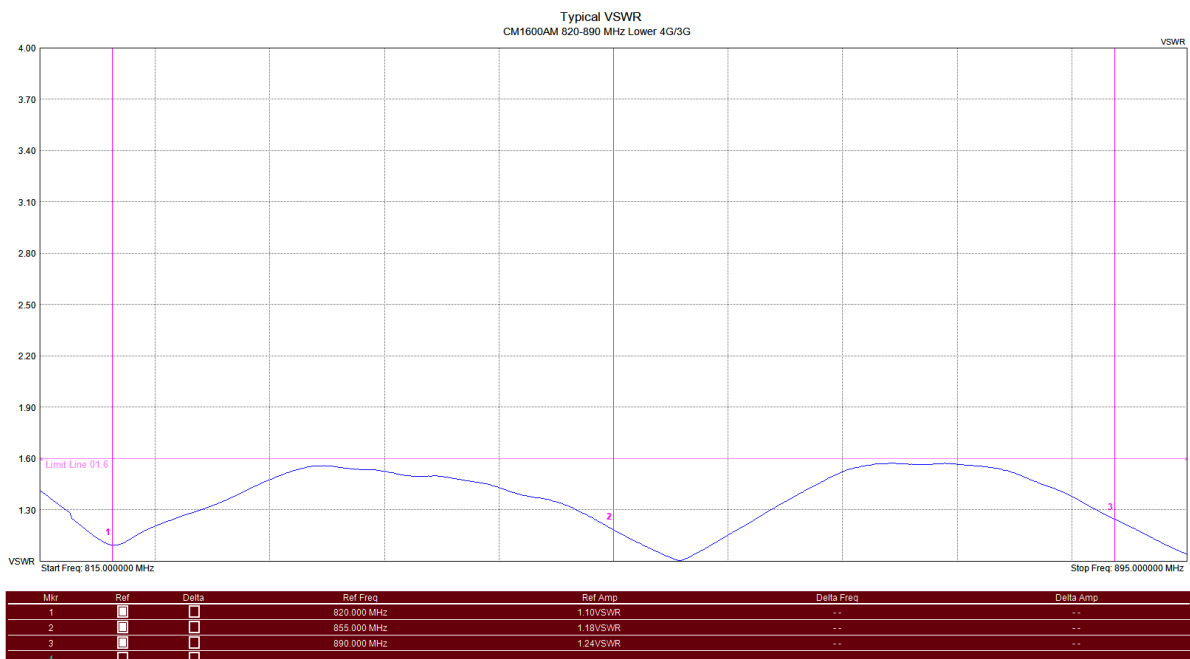
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Example radiation pattern



Typical VSWR - CM1600AM



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CFB series - Galvanised steel 'J' hockey stick brackets, 1.1 - 2.1 metres.

Requires mounting screws/ bolts and mounting hardware for antenna




A-2654-2 - Aluminium pole extension 1.1 metres includes pole mounting brackets.

Requires mounting screws/ bolts and mounting hardware for antenna



SFB Series - galvanised steel pole extension 0.9-2.0 metres
Roof or overhang mounting

Requires mounting screws/ bolts and mounting hardware for antenna




NSM-B20G
Toughened white nylon wall mount

Boom: 20mm capability
13mm mount hole required




EB1-SS - requires 2
304 stainless steel parallel clamp

Boom: 20-40mm capability
Mount pole: 25-45mm capability



UB3-SS
304 stainless steel parallel clamp

Boom: 20-32mm capability
Mount pole: 20-50mm capability



RB8
Galvanised steel steel right-angle clamp

Boom: 20-50mm capability
Mount pole: 20-50mm capability



UB2-SS
304 stainless steel steel right-angle clamp

Boom: 20-50mm capability
Mount pole: 20-50mm capability

Suitable feeder coaxial cable and connectors



RU400 Solid copper conductor, low loss coaxial cable
CNT-400 / LMR-400™ equivalent
(* times microwave)

P/N 7890

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



N-type male crimp connector for RU400 low loss, solid conductor

P/N 8226

Tri-metal plated



1/2" corrugated shielding, foam dielectric coaxial cable
P/N ZCG1250
(also available in super flexible)

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



N-type male clamp connector for 1/2" flexible, corrugated shielded, coaxial cable

P/N NM1250

Tri-metal plated