



CM1600 series

All carriers 4G LTE or lower 4G networks / ISM
718-788 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.

Please check network compatibility/availability prior to selecting model.

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, clear anodised aluminium cap and bottom exit nickel plated N-female termination		
Frequency range	718-788 MHz - 4G LTE	825-890 MHz - Lower 4G Check network compatibility	890-960 MHz - lower 4G/ ISM Check network compatibility
Bandwidth	Full frequency range stated		
VSWR	<2:1	<1.6:1	
Tuning	Factory		
Gain	8.1 dBi		
Maximum power	20 Watts		
Impedance	50 Ohms		
DC grounding	Yes		
Polarisation	Vertical		
H Plane	360° omnidirectional ± 0.5 dBd		
E Plane	14°		
Connector	N-type female connector in base of mount section - no cable		
Height	1.85 metres	2.4 metres	2.4 metres
Weight	730grams	700grams	690 grams
Wind load at 160kph	2.415kg ; 0.024kN	3.146kg ; 0.031kN	
Projected area	0.020m ²	0.026m ²	
Mount section	420mm x 20mm O.D. - 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

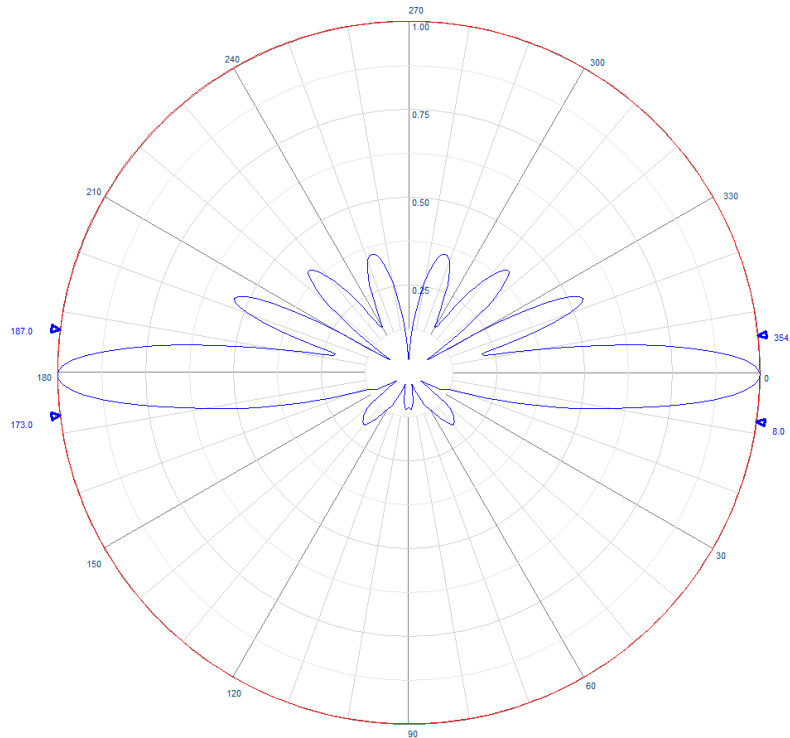


N-type female termination at base of mount section

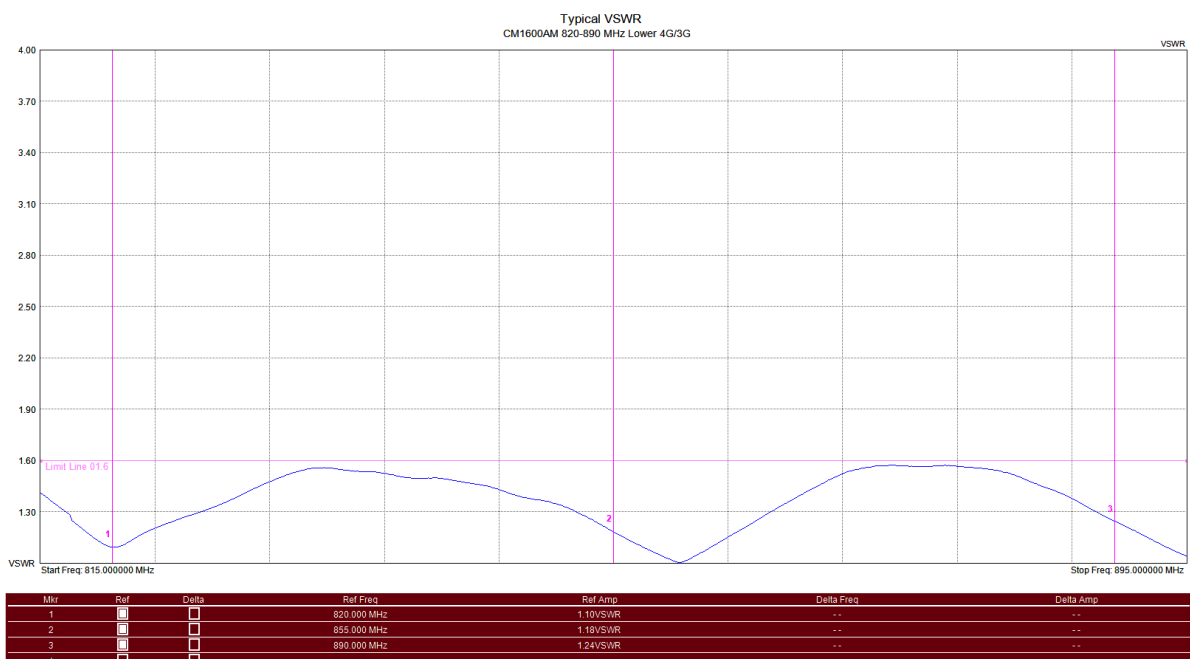


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Example radiation pattern



Typical VSWR - CM1600AM



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

Requires mounting screws/ bolts and mounting hardware for antenna




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

Requires mounting screws/ bolts and mounting hardware for antenna




NBS Masts & Accessories
- Aluminium telescopic masts
- Tilt-over masts
- Lattice section masts

[Contact us for more info.](#)




SKU: NSM-B20G
2 units recommended
Toughened white nylon wall mount

Boom: 20mm capability
13mm mount hole required




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 right-angle clamp

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



SKU: UB2-SS
304 stainless steel right-angle clamp

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

Suitable feeder coaxial cable and connectors



SKU: 7890
RU400 Solid copper 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 low loss, solid conductor

Tri-metal plated



SKU: ZCG1250
1/2" corrugated shielding, foam dielectric coaxial cable
SKU: ZCG1250SF helical super flex
Available in per metre, 500m roll or alternatively request a custom cable assembly



SKU: NM1250
N-type male clamp connector for 1/2" flexible, corrugated shielded, coaxial cable

Tri-metal plated