Australian manufactured in East Gippsland

Z1370

Omni-directional high gain mast mount data collinear
UHF 1.34-1.47 GHz - L Band

Build To Order

The Z1370 1.34-1.47 GHz L-band omnidirectional collinear antenna is a high-gain solution for wireless data, telemetry and specialised RF communications requiring reliable coverage across the L-band frequency range. Operating from 1340 to 1470 MHz, this 10 dBi antenna is designed to support applications where enhanced signal performance and broad horizontal coverage are important.

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



Construction	White fibreglass parallel radome, 304 grade stainless steel mount section and external termination
Frequency range	1.34-1.47 GHz - UHF
Bandwidth	Full frequency range stated
VSWR	<2:1
Tuning	Factory
Gain	10 dBi
Maximum power	50 Watts
Impedance - nominal	50 Ohms
DC grounding	Yes
Polarisation	Vertical
H Plane	360° omnidirectional ± 0.5 dBd
E Plane	18°
Connector	N-type female at base of mount section - no cable
Height	1.3m
Weight	800 grams
Wind load at 160kph	0.030kN ; 3.094kg
Projected area	0.026m^2
Mount section	196mm x 25.4mmø - 304 stainless steel
Radome section	1.135m x 28.1mm
Mounting hardware order separate	Parallel: 2 x EB1- SS or 1 x UB3-SS Right-angle: 2 x RB8 or 1 x UB2-SS
Mounting position recommended	Mount as high on your structure or tower as possible using appropriate mounting hardware. Ensure not obstructions around antenna by mimium 500mm



Stainless steel mount section at base of radome.



N-type female jack at base of mount section.

1 Year Manufacturers Warranty
Terms & Conditions apply.

Specifications are subject to change without prior notice

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SKU: CFB1100 / CFB1800 / CFB2400 / CFB2700

Galvanised steel 'J' hockey stick brackets, 1.1 - 2.7 metres.

Requires 2 x EB1-SS or 1 x UB2-SS



SKU: A-2654-2

Aluminium pole extension 1.1 metres includes pole mounting brackets.

Requires 2 x EB1-SS or 1 x UB2-SS



SKU: SFB900

Galvanised steel straight extension brackets - 900mm or specify length requirements

Requires 2 x EB1-SS or 1 x UB2-SS for antenna mounting



SKU: EB1-SS

304 stainless steel parallel clamp - 2 per antenna

Boom: 20-40mm capability

Mount pole: 25-45mm capability

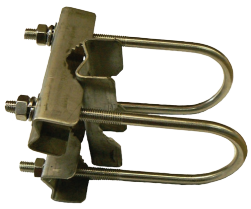


SKU: UB3-SS

304 stainless steel parallel clamp

Boom: 20-32mm capability

Mount pole: 20-50mm capability



SKU: 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

RU400 Solid copper conductor, low loss coaxial cable

CNT-400 / LMR-400™ equivalent

(™ times microwave)

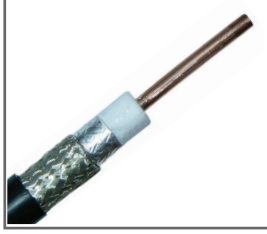
Available in 100m, 300m, 500m roll or alternatively request a custom cable assembly



SKU: 8226

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

Tri-metal plated



SKU: 7890-2

RU600 Solid copper conductor, low loss coaxial cable

CNT-600 / LMR-600™ equivalent

(™ times microwave)

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



SKU: NM-8226-2

N-type male crimp connector for RU600 low loss, solid conductor

Tri-metal plated



SKU: ZCG1250

1/2" corrugated shielding, foam dielectric coaxial cable

SKU: ZCG1250SF - 1/2" 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

SKU: NM1250SF - 1/2" super flex.

Tri-metal plated