

ZCG-EEH-L01

Radome enclosed omni-directional low profile

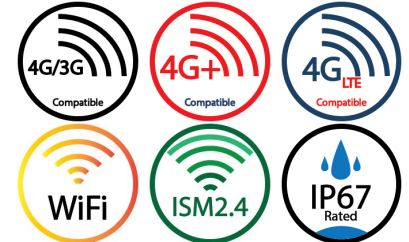
4G LTE, 4G/3G & WiFi/WLAN 704-960 MHz & 1710-2690 MHz


In-stock
Ready to
Ship

Ideal applications for the ZCG-EEH-L01 are:

- Wireless data communications
- Wireless monitoring/ telemetry
- Mobile phone network improvement

Mounting hardware, cable assemblies and other installation accessories are all available separately.



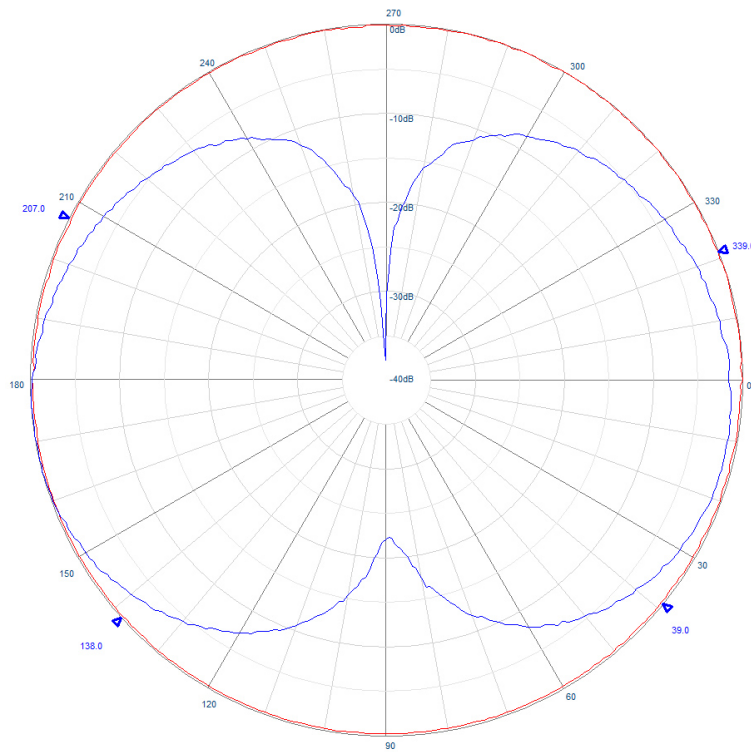
Construction	Black ASA radome, rubber gasket and chrome termination
Frequency range	704-960 MHz & 1710-2690 MHz 4G LTE, 4G/3G + WiFi/WLAN (IEEE.802.11b/g/n)
Bandwidth	Full frequency ranges stated
VSWR	<2.7:1
Tuning	Factory
Gain	2.1 dBi at 704-960 MHz and 2.75 dBi at 1710-2690 MHz
Maximum power	5 Watts
Impedance	50 Ohms
Polarisation	Linear, Vertical
Connector	N-type female bulkhead in base - no cable
Operating temperature	-40°C to +80°C
Storage temperature	-40°C to +85°C
Dimensions	Diameter: 42mm, Height: 75.6mm
Weight	121grams
Mounting hardware order separate	Use suitable bracket/hole with a 16mm hole such as BBM-SS, MRM-SS, GM1 or GM6, using the rubber gasket, toothed washer and hex nut supplied
Mounting position recommended	Mount as high on vehicle/structure as possible using appropriate bracket or mount hole.
Installation tools required	19mm spanner for nut securing
Waterproof rating	IP67



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Example radiation pattern

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Recommended installation accessories



MRM - wrap around mirror mount, 20mm diameter tube

16mm mount hole

Requires 10mm spanner



BBM Series - wrap around bull bar mount, 50-90mm diameter tube

16mm mount hole

Requires 10mm spanner



GM1 - stainless steel 'L' mount bracket.

16mm mount hole



A-6211 - stainless steel fascia/wall mount bracket

16mm mount hole



MGB

Black powdercoated magnetic mount base - 105mm dia.

16.5mm antenna mount hole

Includes scratch reduction pad on base




MGB

Black powdercoated magnetic mount base - 180mm dia.

16.5mm antenna mount hole

Includes scratch reduction pad on base

Suitable feeder coaxial cable and connectors



Ultra flexible, 7 stranded core coaxial cable

LMR240-UF™ equivalent
(* times microwave)

P/N 7876-2

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



N-type male crimp connector for RU240-UF coaxial cable

P/N 7987

Tri-metal plated



MIL-SPEC RG213 stranded core, braid shielded coaxial cable

P/N 7800

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



N-type male crimp connector for MIL-SPEC RG213 coaxial cable

P/N 7937

Tri-metal plated



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 copper core coaxial cable

P/N 8226

Tri-metal plated