

ZCG-MIMO-6

**Multiple In, Multiple Out 6-port Dome Collinear
Dualband WiFi/WLAN 2.4-2.5 GHz & 5.15-5.85 GHz**


In-stock
Ready to
Ship

The ZCG-MIMO-6, 6-port radome enclosed multiple in, multiple out (M.I.M.O) antenna will improve WiFi/WLAN range in external or internal locations.

Unique specifications for the ZCG-MIMO-6 are:

- Dual band at both 2.4 and 5.8 GHz
- 6-port terminations - 3 for 2.4 GHz and 3 for 5.8 GHz
- Ground independent
- Supplied, attached mounting hardware

Adaptors, coaxial cable, connectors and other installation accessories are all available separately.




6 port N-type females in base of antenna

Construction	White radome, chrome terminations and anodised aluminium mounting hardware
Frequency range	2.4-2.485 GHz and 5.15-5.85 GHz - ISM & WiFi/WLAN - M.I.M.O.
Bandwidth	Full frequency ranges stated
VSWR	<1.8:1
Tuning	Factory
Gain	7dBi peak
Maximum power	100 Watts per port
Impedance	50 Ohms
Polarisation	Linear, Vertical
Isolation	>20dB - between ports
Connector	6 x N-type females, 3 per frequency range - M.I.M.O.
Operating temperature	-40°C to +80°C
Storage temperature	-40°C to +85°C
Dimensions	Height: 340mm, Diameter: 150mm - excl. mounting
Weight	1.3kg
Projected area	0.041m ²
Wind load at 160kph	0.049kN ; 4.987kg
Mounting hardware supplied	120mm stand-off mounting bracket with 2 x 50mm capable U-bolts and V-blocks at base of antenna
Mounting positions recommended	Mount as high on your tower, structure or pole as possible to ensure
Installation tools required	Phillips head/star screw driver for bracket to antenna securing 13mm spanner for U-bolt bracket securing

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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



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


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

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 or 500m rolls or alternatively request a custom cable assembly



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

P/N 8226

Tri-metal plated



RU600 Solid copper conductor, low loss coaxial cable
LMR-600™ equivalent
(* times microwave)

P/N 7890-3

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



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

P/N 8226-2

Tri-metal plated



1/2" super flexible helical shielded, foam dielectric coaxial cable

P/N ZCG1250SF

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



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

P/N NM1250SF

Tri-metal plated



1/2" corrugated shielding, foam dielectric coaxial cable

P/N ZCG1250

Available in per metre, or 500m rolls 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