



ZCG-MIMO-6

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



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.

| 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 | 0.041m² |
| 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 |

















6 port N-type females in base of antenna



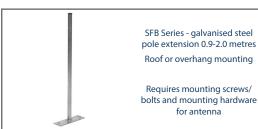


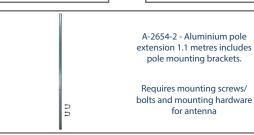
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Suitable feeder coaxial cable and connectors



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

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