

ZCG Low Band High Gain Yagi Antenna, 700 to 890 MHz, 15 dBi, 4.3-10 Female

SKU: ACC-ZC-00039

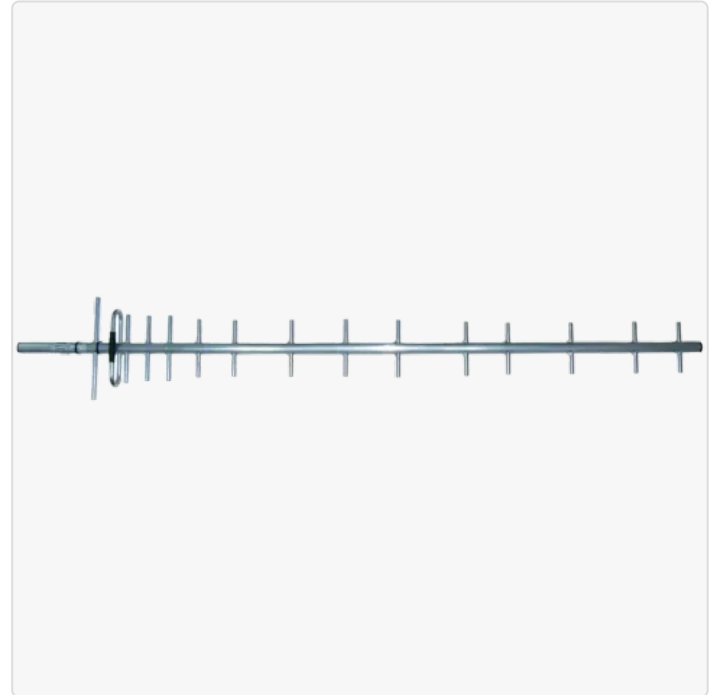
MPN: Y715-RW

Description

The ZCG Y715-RW is designed for all available 4G LTE 698 to 800 MHz & lower 820 to 890 MHz frequency ranges. This antenna is suitable for mobile phone signal improvement, long-distance narrow beam data transfer, directional telemetry applications, or where the terrain requires a directional signal such as down valleys or mine sites.

To mount this antenna, ZCG recommends utilizing a 1 x A48-R right-angle mount clamp to allow polarisation adjustment on tilted/angled mount locations.

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ZCG Scalar

ZCG Scalar™ is a world class radio frequency antenna designer, manufacturer and consulting organisation that offer an integrated approach to identifying RF solutions in partnership with client needs.

ZCG Scalar™ is an Australian owned business operating since 1970. We manufacture hundreds of antenna models to suit your RF communication and broadcasting requirements. The design and development of ...

RF Specification

| | | | |
|-------------------|---------|------------------|--------|
| Start Frequency: | 698 MHz | Polarisation: | Linear |
| Stop Frequency: | 890 MHz | Input Impedance: | 50 |
| Max. Input Power: | 100 W | | |

RF Connectors

| Ports | RF Interface | Body Shape | Length |
|-------|---------------|------------|--------|
| 1 | 4.3-10 Female | Straight | 115 mm |

Frequency Test Data

| Start Freq. | Stop Freq. | Peak Gain | VSWR | Azimuth | Elevation | F/B Ratio |
|-------------|------------|-----------|---------|---------|-----------|-----------|
| 698 MHz | 890 MHz | 15 dBi | < 1.8:1 | 37° | 43° | > 20 dB |

Physical Specification

| | | | |
|-----------------------------|----------|-------------|-----------------|
| Subtype: | Yagi | Dimensions: | 1550 x 25 x 235 |
| Input Ports: | 1 | Materials: | Aluminium |
| MIMO: | 1x1 SISO | Weight: | 0.75 kg |
| Min. Operating Temperature: | -40 °C | | |
| Max. Operating Temperature: | 85 °C | | |

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