

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

SKU: ACC-ZC-00039

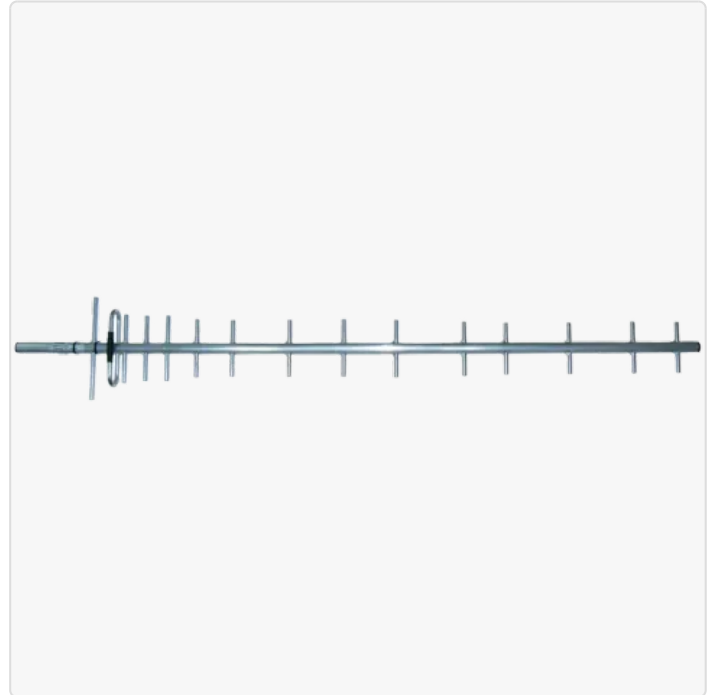
MPN: Y715-RW

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.

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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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