

NEW

Y800 Series

UHF Mobile Phone Round Boom Yagi A, B & C

The ZCG Y800 series round boom Yagi's are a cost effective equivalent to ZCG's premium square boom Yagi's. Available in A, B and C models set to a segment of the UHF Mobile Phone range 820-960MHz.

A round boom Yagi allows for flexible mounting on any plane with the ability to fix into an existing or new bracket.

ZCG's range of round boom Yagi's match or surpass all others on the market. Customisation available, contact ZCG for more information.

Specifications	Y806	Y809	Y815
Fixed Frequency Models (select letter when ordering)	A-R = 825-890MHz (Telstra 3G) B-R = 870-930MHz C-R = 890-960MHz (GSM)		
Construction	Aluminium boom and dipole		
Tuning	Factory	Factory	Factory
Return Loss, VSWR	<1.5:1 VSWR across fixed bandwidth		
Number of Elements	6	9	15
Gain (nominal)	9 dBd	11.5 dBd	14 dBd
Polarisation	Mount Horizontal or Vertical as required		
DC Grounding	Yes	Yes	Yes
Maximum Power	50 Watts	50 Watts	50 Watts
Impedance	50 Ohms	50 Ohms	50 Ohms
H Plane (at centre)	51°	42°	30°
E Plane (at centre)	46°	34°	28°
Front-to-Back Ratio	>15 dB	>15 dB	>15 dB
Connector (fitted)	N-type female fitted to 200mm RG59 cable tail		
Boom Length (longest)	0.8 metres	0.97 metres	1.85 metres
Longest Element	210mm	210mm	210mm
Weight in aluminium	0.5Kg	0.7Kg	1Kg
Projected Area	0.035m ²	0.054m ²	0.075m ²
Wind Load at 160kph	4.5Kg	6.5Kg	9.5Kg
Mounting Accessories (order separate)	1 x RB8 or 1 x RB8-L		1 x RB8 or 1 x RB8-L 1 x strut kit

