

## Y400 Round Boom Yagi

UHF 380-520MHz

Round boom A, B, C, D & E

The ZCG Y400 series round boom Yagi's are a cost effective equivalent to ZCG's premium square boom Yagi's. Available in A, B, C, D and E models set to a segment of the UHF range 380-520MHz.

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	Y406	Y409	Y415
Fixed frequency models (select letter when ordering)		A-R = 380-400MHz B-R = 400-420MHz C-R = 420-450MHz D-R = 450-480MHz E-R = 480-520MHz	
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 <b>Horizontal</b> or <b>Vertical</b> 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	50°	44°	37°
E Plane at centre	46°	36°	33°
Front-to-back ratio	>15 dB	>17 dB	>17 dB
Connector and cable	N-type female fitted to 200mm RG59 cable tail		
Boom length	1.2 metres	1.7 metres	2.5 metres
Longest element	400mm	400mm	400mm
Weight	0.6Kg	0.9Kg	1.1Kg
Projected area	0.05m <sup>2</sup>	0.08m <sup>2</sup>	0.110m <sup>2</sup>
Wind load at 160kph	6.1Kg	8.1Kg	12Kg
Mounting hardware (order separate)	1 x RB8 or 1 x RB8-L		1 x RB8 or 1 x RB8-L 1 x strut kit

