



## Y800-R Series

Round Boom Fixed Frequency Mobile phone improvement Yagi  
UHF, ISM or Mobile phone lower 4G/3G 820-960MHz

  
In-stock  
Ready to  
Ship  
\*Build to order  
item

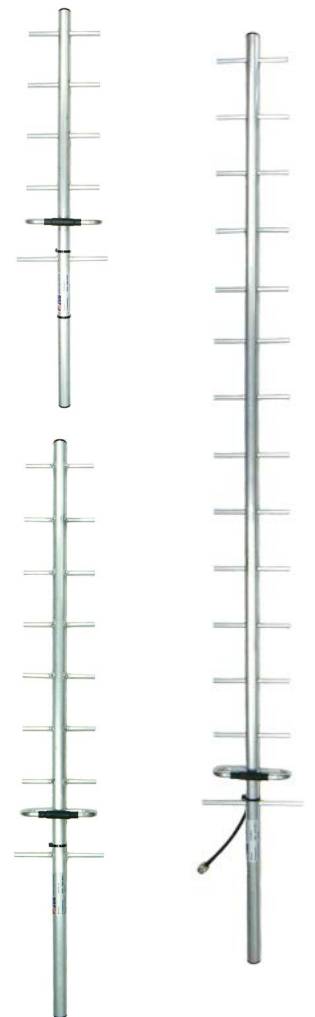
The ZCG Y800 series round boom Yagi's are a cost effective equivalent to ZCG's premium square boom Yagi's. Available in A, B and C models set to a segment of the UHF Mobile Phone range 820-960MHz.

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

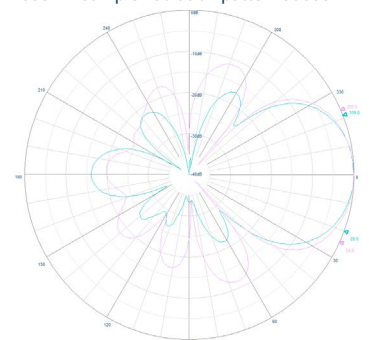
ZCG's range of round boom Yagi's match or surpass all others on the market. Customisation available, contact ZCG for more information.



	Y806-R	Y809-R	Y815-R
Fixed frequency Models select letter/frequency	Y800A-R = 825-890MHz - Telstra lower 4G/3G within Australia Y800B-R = 870-930MHz Y800C-R = 890-960MHz - Optus & Vodafone lower 4G/3G within Australia <i>*Some models are build to order, consults ZCG for more information*</i>		
Construction	Fully-welded aluminium round boom, single dipole and external cable		
Tuning	Factory		
VSWR	<1.5:1 across fixed bandwidth		
Number of elements	6	9	15
Gain - nominal	9dBd	11.5dBd	14dBd
Polarisation	Mount horizontal or vertical as required		
DC grounding	Yes		
Maximum power	50 Watts		
Impedance	50 Ohms		
H Plane - at centre	51°	42°	30°
E Plane - at centre	46°	34°	28°
Front-to-back ratio	>15 dB		
Connector	200mm RG59 cable tail with N-type female fitted as standard or specify requirements - connector only		
Boom length	0.8 metres	0.97 metres	1.85 metres
Longest element	210mm		
Weight	0.5kg	0.7kg	1kg
Projected area	0.035m <sup>2</sup>	0.054m <sup>2</sup>	0.075m <sup>2</sup>
Wind load at 160kph	4.5kg	6.5kg	9.5kg
Mounting hardware order seperate	1 x RB8/RB8-L or 1 x A48-R		1 x RB8/RB8-L or A48-R 1 x strut kit recommended



Y806A-R Sample Radiation pattern at 880MHz

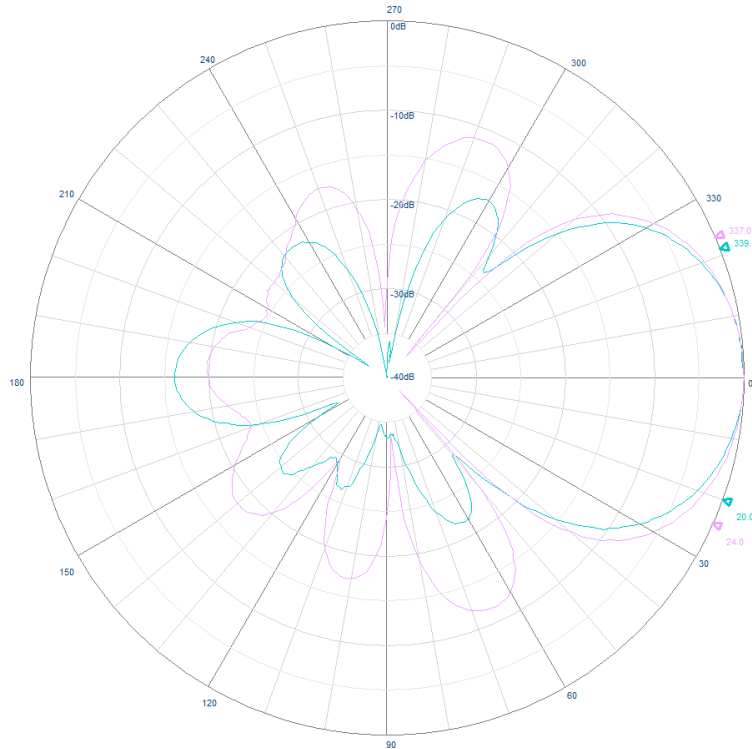




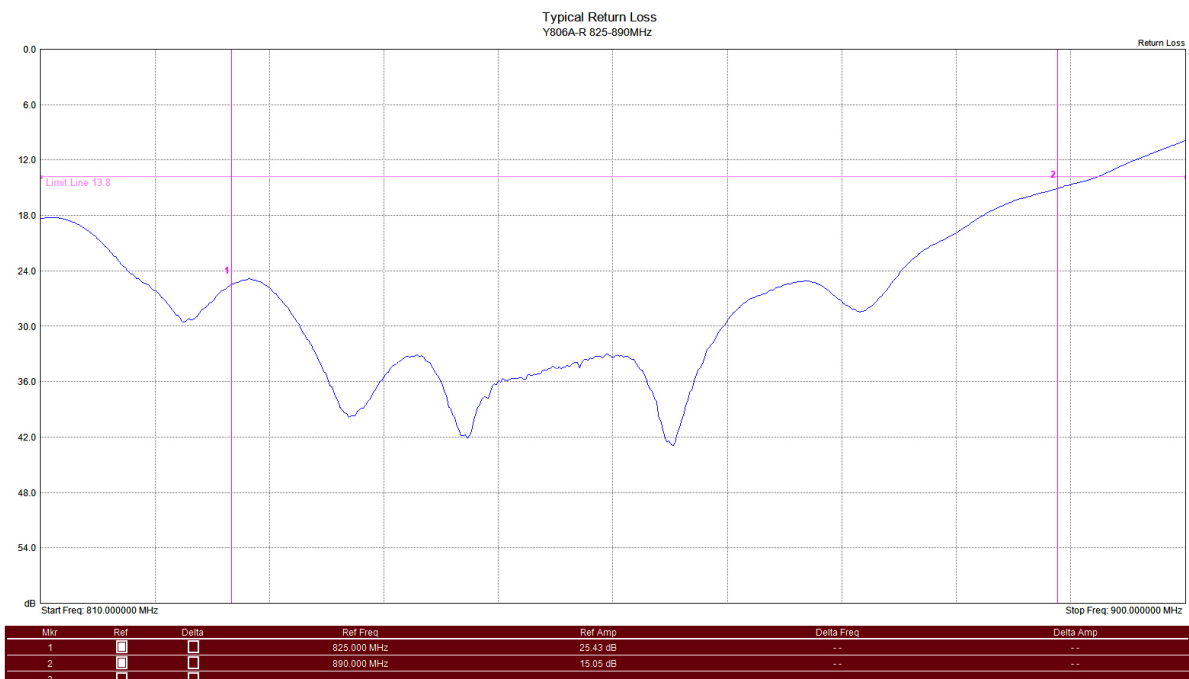
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Example radiation pattern - Y806A-R



Typical Return Loss - Y806A-R