



Y800-R Series

Round Boom Fixed Frequency Mobile phone improvement Yagi

UHF, ISM or lower 4G 820-960 MHz



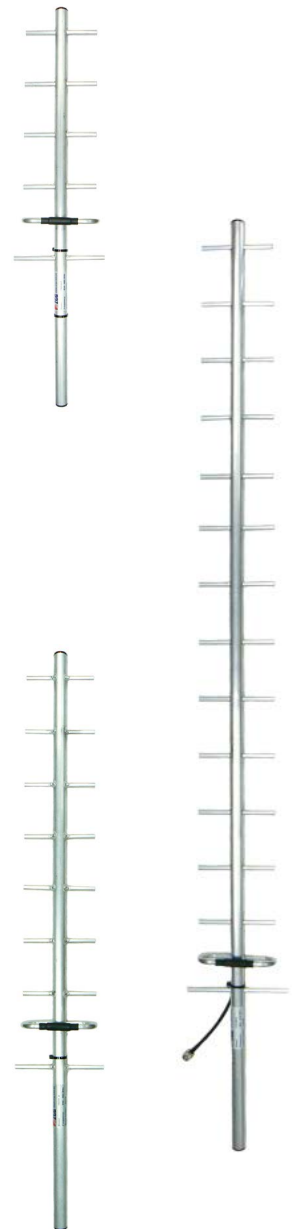
The ZCG Y800 series round boom Yagi's are a cost effective equivalent to ZCG's premium square boom Yagi's. Available in A, B and C models set to a segment of the UHF Mobile Phone range 820-960 MHz.



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.

SKU	Y806*-R	Y809*-R	Y815*-R
Fixed frequency Models select letter/frequency	SKU: Y8**A-R = 825-890 MHz (4G compatible) SKU: Y8**B-R = 870-930 MHz (ISM compatible) SKU: Y8**C-R = 890-960 MHz (4G compatible) *Some models are build to order, consults ZCG for more information*		
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	9 dBd	11.5 dBd	14 dBd
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 ²	0.054m ²	0.075m ²
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

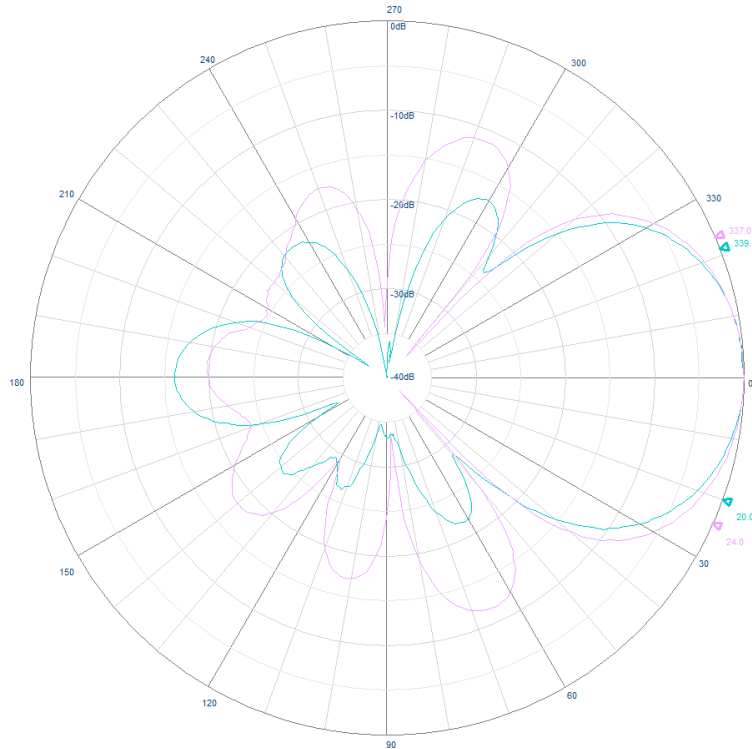




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In-stock
Ready to
Ship
*Build to order
item



Example radiation pattern - Y806A-R



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Suitable mounting hardware



SKU: CFB** series**
Galvanised steel 'J' hockey stick brackets, 1.1 - 2.7 metres.

Requires A-4266 series + 2 x EB1-SS or 1 x UB2-SS



SKU: SFB** Series**
Galvanised steel pole extension
0.9-2.7 metres
Roof or overhang mounting

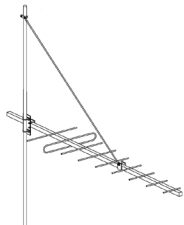
Requires A-4266 + 2 x EB1-SS or 1 x UB2-SS



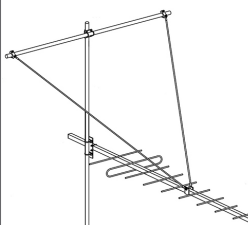
NBS Masts & Accessories
- Aluminium telescopic masts
- Tilt-over masts
- Lattice section masts
www.nbsmasts.com.au
Contact us for more info.



SKU: A48-R
Galvanised steel
Right-angle for 25mm round
30-50mm mount pole



SKU: YS1-48
For 9-15 element Yagi's
Single tension strut support
Includes Yagi and mount pole
mounting hardware.
Mount pole not supplied



SKU: YS2-48
For 9-15 element Yagi's
Dual tension strut support
Includes Yagi clamp, support
boom, pole mounting
hardware.
Mount pole not supplied

Suitable feeder coaxial cable and connectors



SKU: 7890
RU400 Solid copper conductor,
low loss coaxial cable
CNT-400 / LMR-400™ equivalent
(* times microwave)
SKU: 7890-3 - RU400-UF ultra flexible
Available in 100m, 300m, 500m
roll or alternatively request a
custom cable assembly



SKU: NM-8226
N-type male crimp connector
for RU400 low loss, solid
conductor
Tri-metal plated



SKU: 7890-2
RU600 Solid copper conductor,
low loss coaxial cable
CNT-600 / LMR-600™ equivalent
(* times microwave)
Available in 500m roll or
alternatively request a custom
cable assembly



SKU: NM-8226-2
N-type male crimp connector
for RU600 low loss, solid
conductor
Tri-metal plated



SKU: ZCG1250
1/2" corrugated shielding,
foam dielectric coaxial cable
SKU: ZCG1250-A - Air dielectric
Available in per metre, or 500m
rolls or alternatively request a
custom cable assembly



SKU: NM1250
N-type male clamp connector
for 1/2" flexible, corrugated
shielded, coaxial cable
Tri-metal plated