

NEW

Y700 Series 4G LTE & 3G Square Boom Yagi 698-890 MHz

The Y700 series of 6-15 element square boom Yagi are designed and manufactured for optimum performance across the 4G LTE and 3G mobile phone frequency range 698-890MHz. Suitable for both mobile phone improvement and data transmit and receive.

Key Features:

- Wide band coverage from 698MHz to 890MHz for 4GLTE & 3G
- Fully-welded construction for reliability
- Excellent front-to-back ratio
- Designed to minimize the generation of P.I.M.
- DC Grounding

Specifications	Y706	Y709	Y715
Construction	Fully-welded corrosion resistant aluminium or add -SS for 304 stainless steel boom, elements and dipole with external cable		
Frequency range	4G LTE & 3G - 698-890MHz		
Tuning	Factory	Factory	Factory
Return loss, VSWR	Better than <1.8:1		
Number of elements	6	9	15
Gain - nominal	9dBd	11dBd	13 dBd
Polarisation	Mount horizontal or vertical as required		
Maximum power	100 Watts	100 Watts	100 Watts
Impedance	50 Ohms - nominal		
H Plane at 3dB	Consult ZCG	Consult ZCG	37°
E Plane at 3dB	Consult ZCG	Consult ZCG	33°
Front-to-back ratio	Consult ZCG	20dB	20dB
Connector and cable	N-type female fitted to 250mm RG59 cable tail		
Boom length	0.9 metres	1.2 metres	1.55 metres
Longest element	350mm	350mm	350mm
Weight in aluminium	800grams	900grams	1.1kg
Projected area	0.029m ²	0.032m ²	0.056m ²
Wind load at 160kph	0.034kn, 3.488kg	0.038kn, 3.862kg	0.067kn, 6.793kg
Mounting hardware (order separate)	A48/S48 - 30-50mm capability, S48-76 - 50-76mm capability or S48-90 - 70-90mm capability YS1-48 strut kit (recommended for Y715 series)		

