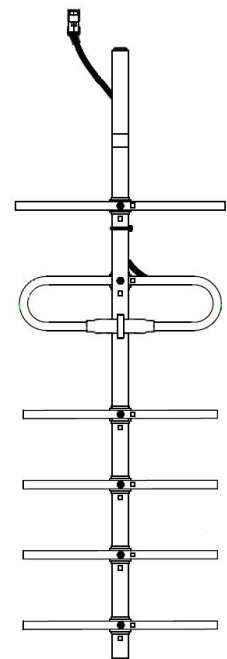
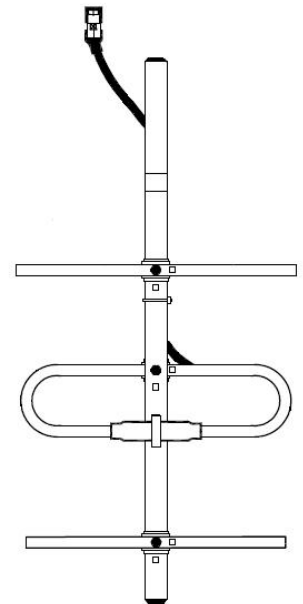


Y200 series VHF 70-108MHz Round boom scaled Yagi's

The Y200 series yagis are specifically designed and manufactured to cover the VHF frequency range 70-108MHz.

Mounting hardware, coaxial feeder cable, connectors and other installation accessories are all available separately.

Specifications	Y202	Y203	Y204	Y206	
Construction	Aluminium, or add SS for 304 grade stainless steel				
Frequency range	VHF 70-108MHz				
Bandwidth	Specify any 4% or transmit and receive when ordering				
Tuning	Factory	Factory	Factory	Factory	
Return loss, VSWR	<1.5:1 across specified bandwidth				
Number of elements	2	3	4	6	
Gain - nominal	3 dBd	6 dBd	7.5 dBd	9 dBd	
Polarisation	Mount horizontal or vertical as required				
Maximum power	250 Watts	250 Watts	250 Watts	250 Watts	
Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms	
H Plane at 3 dBd	135°	76°	62°	50°	
E Plane at 3 dBd	70°	57°	54°	46°	
Front-to-back ratio	15 dB	14 dB	14 dB	16 dB	
Connector and cable	N-type female fitted to 1.4 metres RG213				
Boom length at 70MHz	1.8 metres	2.7 metres	3.5 metres	5 metres	
Longest element	2.2 metres	2.2 metres	2.2 metres	2.2 metres	
Weight	Alum	3.2kg	4.0kg	5.5kg	7.0kg
	S/Steel	4.0kg	5.0kg	6.9kg	8.8kg
Projected area	0.137m ²	0.28m ²	0.30m ²	0.34m ²	
Wind load at 160kph	16Kg	33Kg	36Kg	41Kg	
Strut kit (order separate)	YS1-23 - single tension or YS2-23 dual tension				
Mounting hardware (order separate)	1 x Y2300 for Aluminium or 1 x Y2300-SS for Stainless Steel				



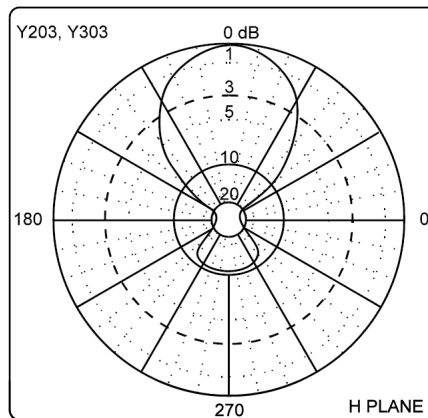
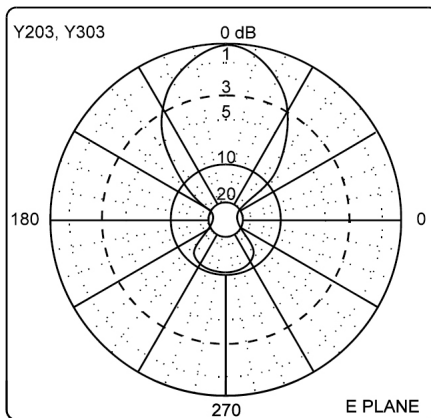
Y200 series

VHF 70-108MHz

Round boom scaled Yagi's

Sample radiation patterns

Y203, 3 Element



Y206, 6 Element

