



Y400 Series Yagi's

Square Boom Fixed Frequency Yagi's

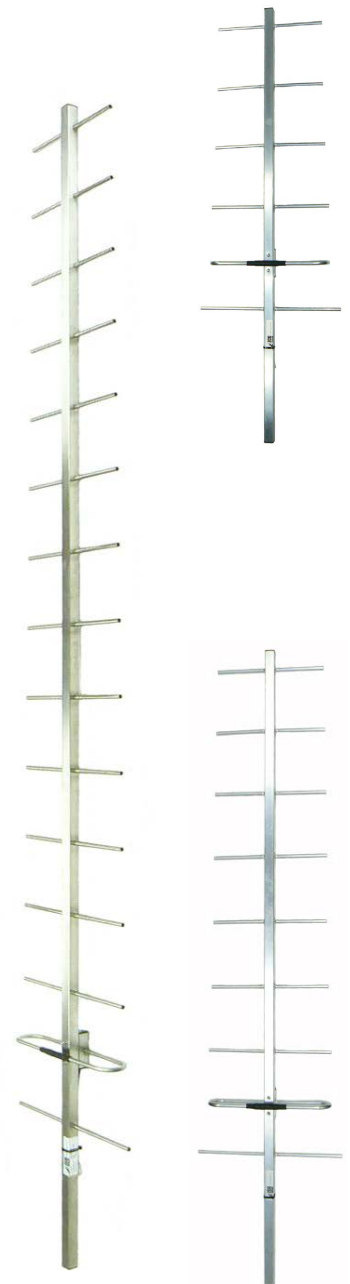
TE.T.RA / L.M.R. / C.B.R.S. / UHF 380-520 MHz



The Y400 series of directional square boom Yagi's are manufactured in "fixed frequency" models A, B, C, D, and E each tuned for optimum performance across a separate segment of the UHF range 380-520 MHz.

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

	Y406	Y409	Y415	
Fixed frequency models (select letter/frequency) Add letter when ordering	A = 380-400 MHz * B = 400-420 MHz * C = 420-450 MHz *		D = 450-480 MHz E = 480-520 MHz *	
Construction	Aluminium, or add SS for 304 stainless steel version			
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			
Maximum power	150 Watts			
Impedance	50 Ohms			
H Plane at 3dB	50°	44°	37°	
E Plane at 3dB	46°	36°	33°	
Front-to-back ratio	17 dB			
Cable	250mm external RG59 from rear of dipole support - D series has 400mm			
Connector and cable	N-type female fitted as standard or specify requirements			
Boom length at 380MHz	1.2 metres	1.7 metres	2.5 metres	
Longest element	400mm			
Weight	Aluminium Stainless steel	0.7kg 1.6kg	1.0kg 2.3kg	1.3kg 3kg
Projected area	0.054m ²	0.081m ²	0.102m ²	
Wind load at 160kph	0.064kN 6.485kg	0.081kN 8.278kg	0.121kN 12.337kg	
Strut kit - order separate	Not required	Not required	YS1-48 or YS2-48	
Mounting hardware order separate	1 x A48 for alum or 1 x S48 for S/Steel 30-50mm capability larger capable clamps available			



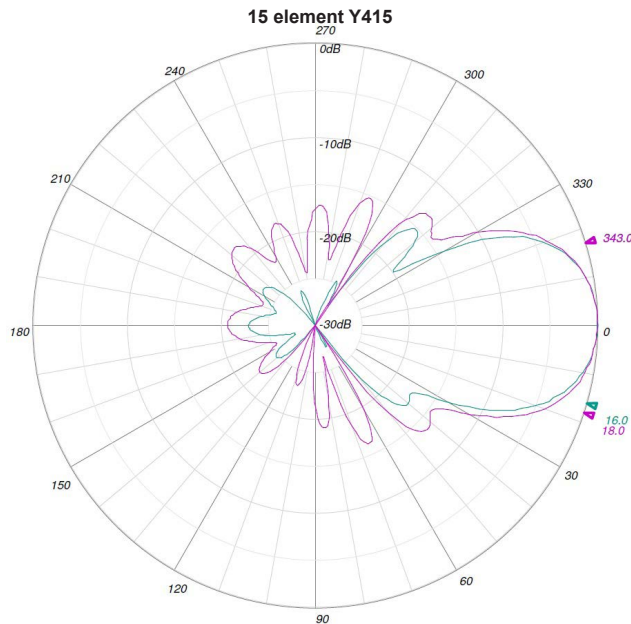
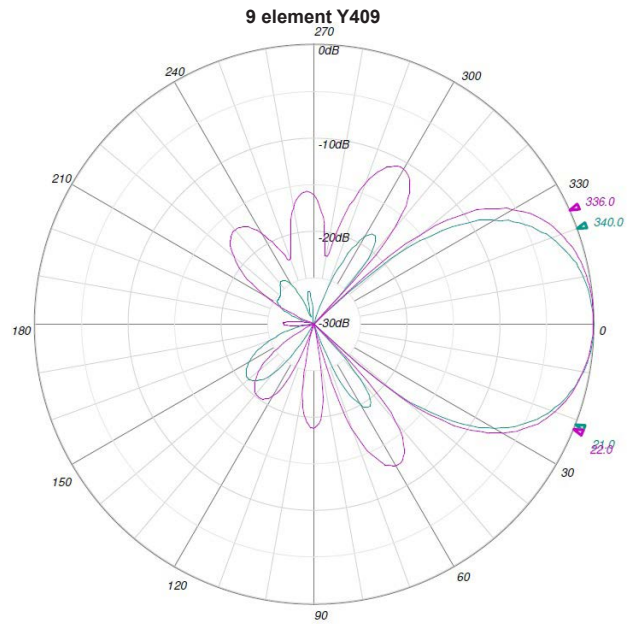
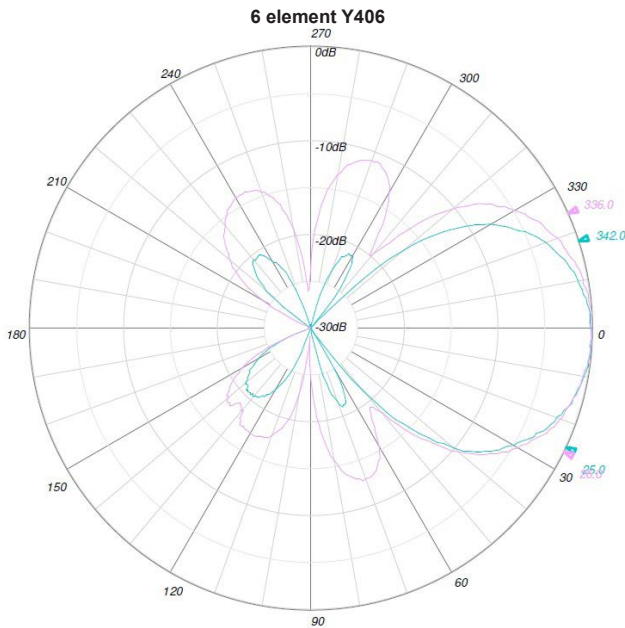


Y400 Series Yagi's

Square Boom Fixed Frequency Yagi's

TE.T.RA / L.M.R. / C.B.R.S. / UHF 380-520 MHz

 **In-stock
Ready to
Ship**
* Signifies build to
order item










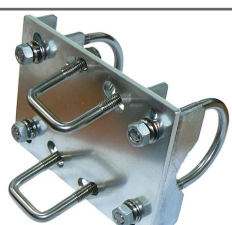
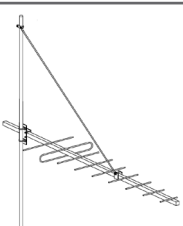
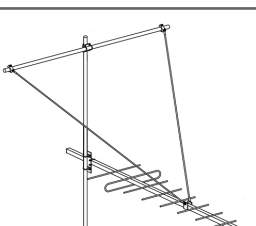
Y400 Series Yagi's

Square Boom Fixed Frequency Yagi's

TE.T.RA / L.M.R. / C.B.R.S. / UHF 380-520 MHz



Suitable mounting hardware

 <p>A48 galvanised steel Right-angle for 25mm RHS 30-50mm mount pole</p>	 <p>S48 - stainless steel Right-angle for 25mm RHS 30-50mm mount pole</p>
 <p>A48-65 galvanised steel Right-angle for 25mm RHS 50-65mm mount pole</p>	 <p>S48-76 - stainless steel Right-angle for 25mm RHS 60-75mm mount pole</p>
 <p>S48-90 - stainless steel Right-angle for 25mm RHS 70-90mm mount pole</p>	 <p>A48-tilt galvanised steel Right-angle for 25mm RHS 30-50mm mount pole with 14 deg tilt allowance</p>
 <p>YS1-48 For 9-15 element Yagi's Single tension strut support Includes Yagi and mount pole mounting hardware. Mount pole not supplied</p>	 <p>YS2-48 For 9-15 element Yagi's Dual tension strut support Includes Yagi clamp, support boom, pole mounting hardware. Mount pole not supplied</p>

Suitable feeder coaxial cable and connectors

 <p>RU400 Solid copper conductor, low loss coaxial cable CNT-400 / LMR-400™ equivalent (* times microwave) P/N 7890 Available in 100m, 300m, 500m roll or alternatively request a custom cable assembly</p>	 <p>N-type male crimp connector for RU400 low loss, solid conductor P/N 8226 Tri-metal plated</p>
 <p>RU600 Solid copper conductor, low loss coaxial cable LMR-600™ equivalent (* times microwave) P/N 7890-3 Available in 500m roll or alternatively request a custom cable assembly</p>	 <p>N-type male crimp connector for RU600 low loss, solid conductor P/N 8226-2 Tri-metal plated</p>