

Y403-HH & Y404-RH

Aluminium collapsible or fixed hand-held Yagi

TE.T.RA / L.M.R. / C.B.R.S. / UHF 380-700MHz

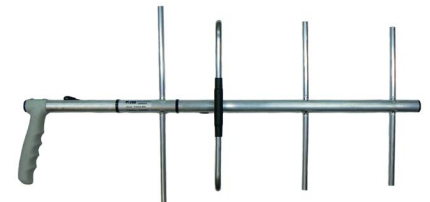
These UHF hand-held Yagi's are specifically designed and manufactured for hand-held UHF communications or animal tracking applications or any application within the 380-700MHz range

Alternative connectors, adaptors and other installation accessories are all available separately.

	Y403-HH	Y404-RH
Construction	Collapsible corrosion resistant aluminium components, coaxial cable and white PVC handle	Fully-welded corrosion resistant aluminium, round boom, dipole, coaxial cable and white PVC handle
Frequency range	380-700 MHz - UHF/TETRA/LMR	380-520 MHz - UHF/TETRA/LMR
Collapsible	Yes	No - fixed elements
Bandwidth	Specify and 20MHz within band when ordering	
Tuning	Factory	
VSWR	<1.5:1 across specified bandwidth	
Gain - nominal	6 dBd	7.5 dBd
Polarisation	Specify polarisation for mounting of handle can be held in either horizontal or vertical out in the field.	
Maximum power	150 Watts	
Impedance	50 Ohms	
DC grounding	Yes	
Connector	N-type female fitted as standard or specify requirements	
Boom length	700mm	900mm
Longest element	398mm	400mm
Boom diameter	22.22mm	20mm
Weight	500grams	550grams
Mounting hardware	White thermoplastic handle	
Mounting position recommended	When in use hold as far away from metallic objects, structures, trees and your body to achieve specified performance levels	



Y403-HH



Y404-RH

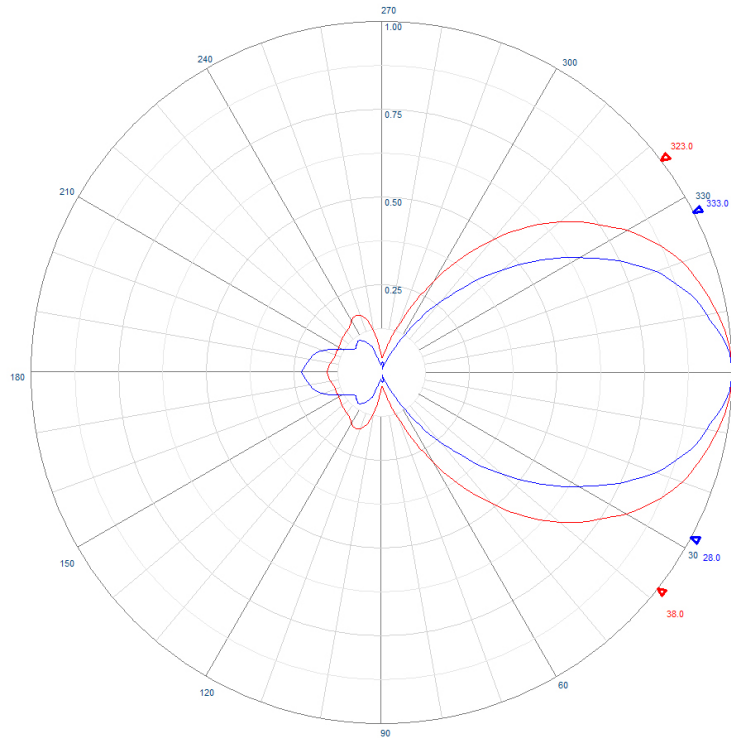


PVC handle on both models

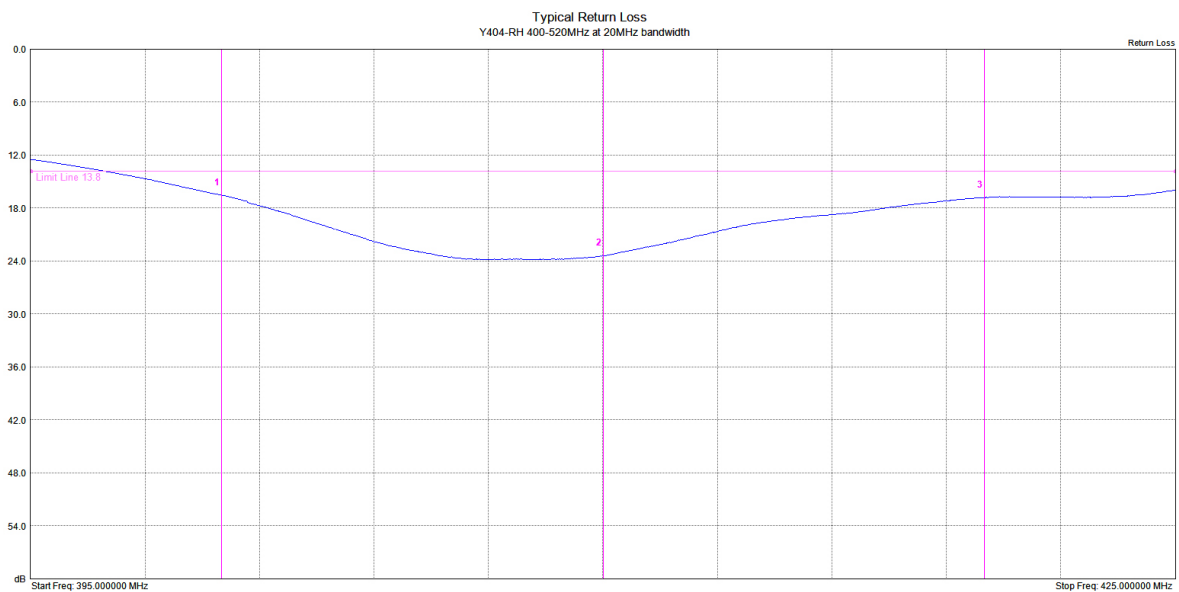


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Example radiation pattern - Y404-RH



Mtr	Ref	Delta	Ref Freq	Ref Amp	Delta Freq	Delta Amp
1	<input type="checkbox"/>	<input type="checkbox"/>	400.000 MHz	16.52 dB	--	--
2	<input type="checkbox"/>	<input type="checkbox"/>	410.007 MHz	23.38 dB	--	--
3	<input type="checkbox"/>	<input type="checkbox"/>	420.002 MHz	16.82 dB	--	--
4	<input type="checkbox"/>	<input type="checkbox"/>	--	--	--	--

Typical Return Loss - Y404-RH



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Y403-HH configuration only

