

Y415-DP

UHF 380-480MHz

Dual Polarised Yagi

A dual polarised Yagi gives the ability of sending two signals from one yagi with an offset of 90 degrees saving space on your mounting structure. This offset disallows the signals to interact with the other.

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

Specifications	Y415-DP
Construction	Aluminium
Frequency Range	UHF 380- 480MHz
Bandwidth	Specify any 20MHz per plane
Tuning	Factory
Return Loss, VSWR	<1.5:1 VSWR across specified bandwidth
Cross Elements	15 (each plane)
Gain (nominal)	14 dBd per plane
Polarisation	Horizontal & Vertical or +45 / -45 degrees
Maximum Power	150 Watts
Isolation	Minimum -25dB between polarisations
Impedance	50 Ohms
DC Grounding	Yes
H Plane (each plane)	37 °
E Plane (each plane)	33 °
Connector	2 x N-type female fitted to cable tails
Boom Length	2.1 metres at 380MHz
Max. Element Length	0.4 metres at 380MHz
Weight	900grams
Projected Area	0.107 m ² @ 380MHz
Wind Load at 160kph	12.9Kg, 0.126kN @ 380MHz
Mounting Accessories (order seperate)	1 x A48-AM or A48-65-AM - for larger mount poles

