

FMCPY2

FM Radio cross polarised Yagi

87.5-108MHz

The FMCPY2 is a cross polarised FM broadcast yagi that offers true circular field with full band coverage which permits multiple broadcast frequencies and antenna sharing.

Coaxial feeder cable, connectors and other installation accessories are all available separately.

Specifications	FMCPY2	FMCPY2-716
Construction	Aluminium	Aluminium or add SS for 304 grade stainless steel
Frequency range	FM band 87.5-108MHz	
Bandwidth	Full band	Full band
Return loss, VSWR	Better than -20dB, <1.2:1 full band	
Tuning	Factory	Factory
Polarisation	Circular Elliptical	Circular Elliptical
Gain	1 dBd, stacking increases gain	
Impedance	50 Ohms	50 Ohms
DC grounding	Yes	Yes
H Plane	130°	130°
E Plane	85°	85°
Front-to-back ratio	10 dB	10 dB
Maximum power	1,000 Watts per bay	4 Kilowatts per bay
Connectors x 2	N-type female (fitted)	7/16" DIN female (fitted)
Weight	19Kg	19kg
Projected area	Front: 0.33m ² Side: 0.28m ²	
Wind load	Front: 0.49Kn at 50 metres per second	
Mounting hardware	U-bolts - 50-90mm (supplied)	
Installation hardware requirements	Power divider and branch feeders (order separate)	
Warranty	2 Years	2 Years

Model Variances Available

FMCPY2-716-RS1SS

FMCPY2-716 with RS1 rear screen fitted

