

FMCPX Series

Circular Polarised FM Radio Dipoles

These FMCPX broadcast dipoles offer a truly circular radiation pattern with equal power emitted throughout all planes.

The benefit is an improved coverage area for your FM radio station.

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

Specifications	FMCPX-78	FMCPX-716	FMCPX-N
Construction	Stainless Steel (304 grade)		
Maximum Bandwidth (specify when ordering)	A = 87.5-96MHz B = 93.5-102.5MHz C = 100.0-108.5MHz		87.5-108.5MHz (specify 5MHz)
Tuning	Factory	Factory	Factory
Return Loss, VSWR	Better than <1.2:1 across specified bandwidth		
Gain	-3 dBd per bay, stacking increases gain		
Polarisation	Circular \pm 2.2 dB		
Impedance	50 Ohms	50 Ohms	50 Ohms
Connector (fitted)	7/8" EIA	7/16" DIN female	N-female
Maximum Power (per bay)	5 Kilowatts	2 Kilowatts	500 Watts
DC Grounding	Yes	Yes	Yes
Weight (per bay)	13.5Kg	12.5Kg	5.5Kg
Projected Area	0.159m ²	0.150m ²	0.096m ²
Wind Load at 160kph	19.2Kg, 0.189kN	19Kg, 0.180kN	11.6Kg, 0.144kN
Mounting Boom	1.5m x 50mm	1.5m x 50mm	1.5m x 25mm (square boom)
Mounting Accessories	1 x Y2300- SS (supplied)		1 x S48 (supplied)
Mounting Options (enquire for details)	Stack arrays with branch feeder cables and power dividers, rear screens or radial bars		
Warranty	2 Years	2 Years	2 Years

