

FMZCPD

FM Radio High Power Dipole panel antenna

The ZCPD is a medium to high power dipole panel antenna for FM Radio broadcast, designed to be installed into an array this panel offers mixed and circular radiation patterns.

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

Specifications	ZCPD Flat Panel antenna
Construction	Stainless Steel (304 grade)
Frequency Range	FM band 87.5-108.5MHz
Bandwidth	Full band
Tuning	Factory
Return Loss, VSWR	Better than <1.2:1 across specified bandwidth
Gain	4.5 dBd per plane
Maximum Power	5 Kilowatts per each 7/8th EIA or 2 kW per each 7/16 din.
Impedance	50 Ohms
DC Grounding	Yes
Polarisation	Circular
Beamwidth H Plane	65 degrees
Connector	4 x 7/8" EIA or 4 x 7/16 Din Female
Panel size	2.2 mtrs x 2.2 mtrs
Weight	98 Kg per panel fully assembled
Projected Area	1.19 mtrs squared
Wind Load at 160kph	18.2Kg, 0.187kN
Mounting	4 mounting plates to take bolts or U bolts
Mounting Accessories	U Bolts available to suit
Warranty	2 Years

