

## FM Radio Fine Matchers

### 7/8" EIA , 1-5/8" EIA and 3-1/8" EIA terminated

### FM Radio 87.5-108 MHz

ZCG's range of FM Radio impedance matching Fine matchers are designed to allow slight adjustment of impedance matching to improve the efficiency of your FM Radio broadcast system. The

Constructed from a powercoat finished outer body, machined solid brass internals with PTFE insulators our FM Radio fine matcher range is suitable for a long, low maintenance service life.

Consult ZCG on your specific requirements if you cannot see a solution below.



	FM-78	FM-158	FM-318
Construction	Powercoated outer brass assembly, machined solid brass internals, PTFE insulators, joining bullet and connector face protection caps.		
Frequency range	87.5-108 MHz - FM Radio		
Bandwidth - specify	Single channel		
Tuning	Factory and/or field tune once installed - utilising Network analyser and knurled impedance matching stubs		
VSWR	<1.10:1		
Insertion loss			
Impedance - nominal	50 Ohms		
Input connector	7/8" EIA flanged	1-5/8" EIA flanged	3-1/8" EIA flanged
Output connector	7/8" EIA flanged	1-5/8" EIA flanged	3-1/8" EIA flanged
Maximum Power	5 Kilowatts	10 Kilowatts	20 Kilowatts
Weight	8.0kg	10.0kg	15.0kg
Dimensions	Length: 764.3mm Flange dia: 58mmø	Length: 764.3mm Flange dia: 89mmø	Length: 602.2mm Flange dia: 127mmø
Mounting hardware order separate	PDC-L - mounting clamps for pole mounting, requires 2 per unit		



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Typical VSWR performance tuned from factory

