

## FM coaxial double cavity filters

The below models of double cavity filters are designed for the FM band:

- High quality components for a long, reliable service life
- Available with a wide range of terminations and power ratings
- Dual cavity design for broad bandwidth with improved isolation
- Suitable for low to medium powered FM broadcast systems



	FDB-1001-N	FDB-1001-M	FDB-1002-M	FDB-1002-F	FDB-1003-F	FDB-1005-F	FDB-1005-S	FDB-1010-SC
Construction	Alodyne treated aluminium 120 finish, silver plated copper internals and PTFE							
Frequency range	FM Radio 87.5-108MHz							
Bandwidth -3dB specify	500-800kHz		400-800kHz				400-1000kHz	
VSWR	<1.15:1							
Thru loss	<0.4dB		<0.3dB			<0.2dB		<0.15dB
Impedance	50 Ohms							
Input Connector	N-type female	7/16" DIN female		7/8" EIA			1-5/8" EIA	
Output Connector	N-type female	7/16" DIN female		7/8" EIA			1-5/8" EIA	
Maximum Power	800 Watts	1 Kilowatts	2 Kilowatts		3 Kilowatts	5 Kilowatts		10 Kilowatts
Weight	10.0kg	11.0kg	17.0kg	17.2kg	18.0kg	27.5kg	28kg	41.5kg
Dimensions	H: 1000mm W: 200mm D: 220mm	H: 1000mm W: 220mm D: 200mm	H: 1250mm W: 200mm D: 400mm	H: 1250mm W: 200mm D: 400mm	H: 1200mm W: 200mm D: 400mm	H: 1300mm W: 500mm D: 300mm	H: 1300mm W: 500mm D: 300mm	H: 1250mm W: 800mm D: 400mm
Warranty	2 Year warranty on manufacturing defects, 1 Year warranty on termination/connections from purchase date							