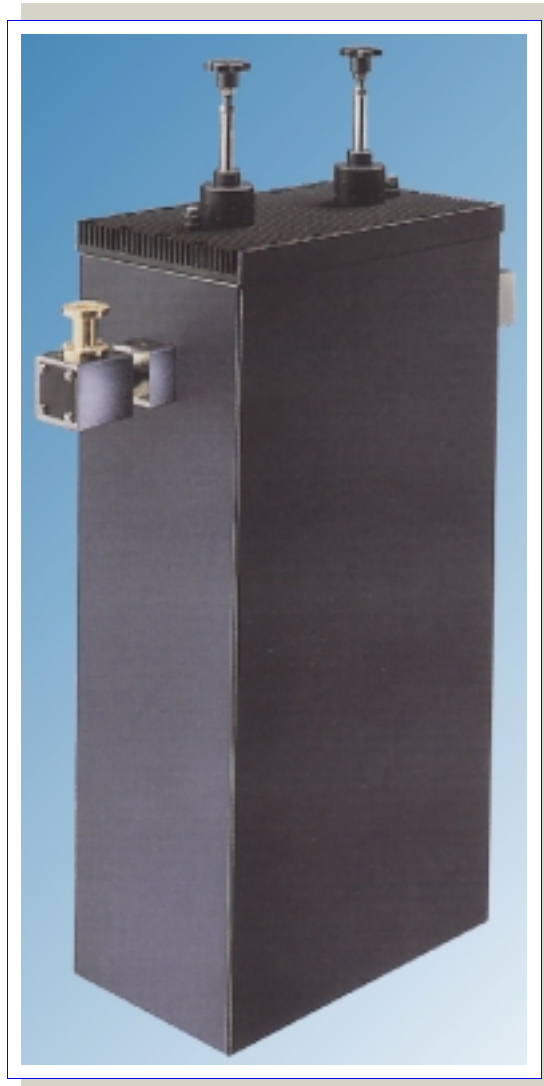




CAVITY FILTERS

MODEL DCF500 - DCF2000 - DCF5000



**THE DCF ARE ONE-QUARTER WAVELENGTH COAXIAL CAVITIES, HIGH Q,
CONCEIVED FOR 87.5 - 108 MHz BAND.
USING A BANDPASS DOUBLE CAVITY INSTALLED BETWEEN TRANSMITTER AND ANTENNA,
THEY DRASTICALLY REDUCE SPURIOUS SIGNALS BESIDES OTHER INTERMODULATIONS.
THE DCF IS A DOUBLE CAVITY FILTER WITH ROTATING LOOPS PERMITTING EASY TUNING OF
THE CIRCUIT FOR A DIFFERENT SIDEBAND ATTENUATION.**

BAND PASS FILTERS

ELECTRICAL AND MECHANICAL DATA	
MODELS	DCF500 - DCF2000 - DCF5000
TYPE	DOUBLE CAVITY FILTER
FREQUENCY RANGE	87.5 - 108 MHz
BANDWIDTH (-3 dB)	800 KHz
IMPEDANCE	50 Ω
CONNECTOR	REFER TO APPENDIX A
POWER RATING	REFER TO APPENDIX A
VSWR	≤ 1.05
TYPICAL INSERTION LOSS	0.5 dB

MATERIALS	
INTERNAL PARTS	SILVER-PLATED BRASS AND PTFE
EXTERNAL PARTS	ALUMINIUM
COLOUR	BLACK
WEIGHT	REFER TO APPENDIX A
TEMPERATURE RANGE	MINI 10°C - 50°C
DIMENSION	REFER TO APPENDIX A
PACKING	REFER TO APPENDIX A

APPENDIX A			
MODEL	DCF500	DCF2000	DCF5000
CONNECTORS AND POWER RATING	N (800W)	7/16" (1.5 kW) 7/8" EIA (2.5 kW)	7/8" EIA (3 kW) 1 + 5/8" EIA (5 kW)
WEIGHT	10 Kg.	15 kg.	60 kg.
DIMENSIONS (mm)	1100 X 200 X 200	1300 X 200 X 400	1400 X 300 X 700
PACKING (mm)	1300 X 300 X 300	1450 X 300 X 500	1600 X 400 X 800