

CFM4-0.6

FM BANDPASS FILTER

FEATURES

- FM 0.6 kW bandpass filter
- 4 pole / 150 mm
- adjustable selectivity



ELECTRICAL DATA

TYPE	CFM4-0.6/AA	CFM4-0.6/BB	CFM4-0.6/CC
FREQUENCY RANGE	87.5 ÷ 108 MHz		
IMPEDANCE	50 ohm		
RETURN LOSS	≥26 dB at carrier f ₀		
SELECTIVITY stop band atten. 20 dB	± 0.6 ÷ ± 1.2 MHz		
MAX INPUT POWER	0.6 kW (selectivity ± 0.6 ÷ ± 1.2 MHz)		
INSERTION LOSS	See table below		
CONNECTORS	NF	7/16 F	7/8" Unfl.F
OPERATING TEMPERATURE RANGE	-10 ÷ +45 °C		
OVER TEMPERATURE*	typical 30K at max input power		
MATERIALS	Brass, aluminium, invar, teflon		
EXTERNAL FINISHING	Painted Ral 9005		
WEIGHT	24 kg		

* referred to Ambient Temperature. Recommended: [AmbientTemp. + OverTemp.] ≤60°C

INSERTION LOSS at carrier f₀ (dB)

FREQUENCY (MHz)		87.5	98	108
SELECTIVITY (MHz)	± 12	0.82	0.85	0.88
	± 1.0	0.90	0.94	0.98
	± 0.8	1.08	1.13	1.18
	± 0.6	1.38	1.44	1.50

