

CFM2-0.2

FM BANDPASS FILTER

FEATURES

- FM 0.2 kW bandpass filter
- 2 pole / 85 mm
- adjustable selectivity



ELECTRICAL DATA

TYPE	CFM2-0.2/AA
FREQUENCY RANGE	87.5 ÷ 108 MHz
IMPEDANCE	50 ohm
RETURN LOSS	≥26 dB at carrier f0
SELECTIVITY stop band atten. 20 dB	± 1.6 ÷ ± 2.0 MHz
MAX INPUT POWER	0.2 kW (selectivity ± 1.6 ÷ ± 2.0 MHz)
INSERTION LOSS	See table below
CONNECTORS	NF
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	5 kg

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

INSERTION LOSS at carrier f0 (dB)

FREQUENCY (MHz)		87.5	98	108
SELECTIVITY (MHz)	± 2.0	0.68	0.69	0.70
	± 1.6	0.81	0.82	0.83

