

# CFM3-0.2

## FM BANDPASS FILTER

### FEATURES

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



### ELECTRICAL DATA

TYPE	CFM3-0.2/AA
FREQUENCY RANGE	87.5 ÷ 108 MHz
IMPEDANCE	50 ohm
RETURN LOSS	≥26 dB at carrier f0
SELECTIVITY stop band atten. 20 dB	± 0.8 ÷ ± 1.4 MHz
MAX INPUT POWER	0.2 kW (selectivity ± 0.8 ÷ ± 1.4 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	7 kg

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

### INSERTION LOSS at carrier f0 (dB)

FREQUENCY (MHz)		87.5	98	108
SELECTIVITY (MHz)	± 1.4	0.91	0.93	0.95
	± 1.2	1.04	1.06	1.08
	± 0.8	1.44	1.47	1.50

