

# CFM3-1.2

## FM BANDPASS FILTER

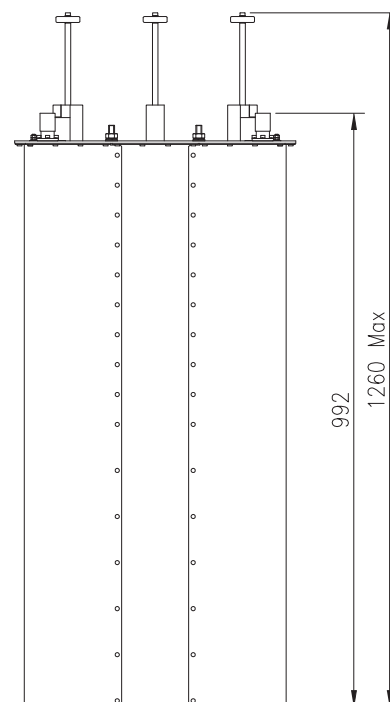
### FEATURES

- FM 1.2 kW bandpass filter
- 3 pole / 150 mm
- adjustable selectivity

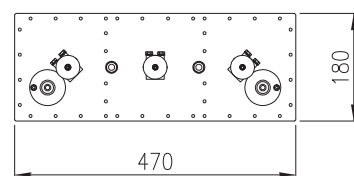


ELECTRICAL DATA			
TYPE	CFM3-1.2/BB	CFM3-1.2/BC	CFM3-1.2/CC
FREQUENCY RANGE	87.5 ÷ 108 MHz		
IMPEDANCE	50 ohm		
RETURN LOSS	≥28 dB at carrier fo		
SELECTIVITY (MHz), stop band atten. 20 dB	±1.6	±1.2	±0.8
MAX INPUT POWER	1.2 kW	1.2 kW	0.8 kW
INSERTION LOSS	See table below		
CONNECTORS	7/16 F 7/16 F	7/16 F 7/8" Unfl.F	7/8" Unfl.F 7/8" Unfl.F
OPERATING TEMPERATURE RANGE	-10 ÷ +45 °C		
OVER TEMPERATURE*	typical 30K at max input power		
MATERIALS	- External parts	Aluminium, brass Iron (support)	
	- Inner conductor	Silver plated brass Silver plated aluminium	
	- Insulating materials	Teflon	
EXTERNAL FINISHING	Painted Ral 9005 Nickel plating		
WEIGHT	13 kg		

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



INSERTION LOSS at carrier fo (dB)				
FREQUENCY (MHz)		87.5	98	108
SELECTIVITY (MHz)	± 1.6	0.43	0.44	0.45
	± 1.2	0.54	0.56	0.58
	± 0.8	0.74	0.78	0.82



Specifications are subject to change without prior notice