

CFM2-10

FM BANDPASS FILTER

FEATURES

- FM 10 kW bandpass filter
- 2 pole / 500 mm (19.7 in)
- adjustable selectivity



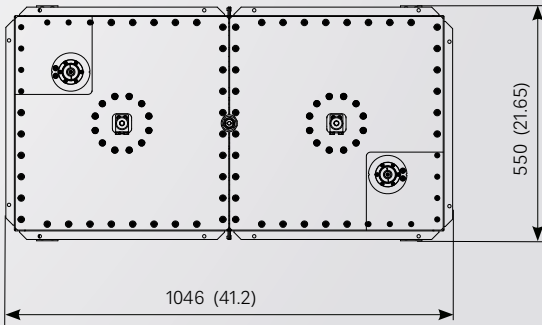
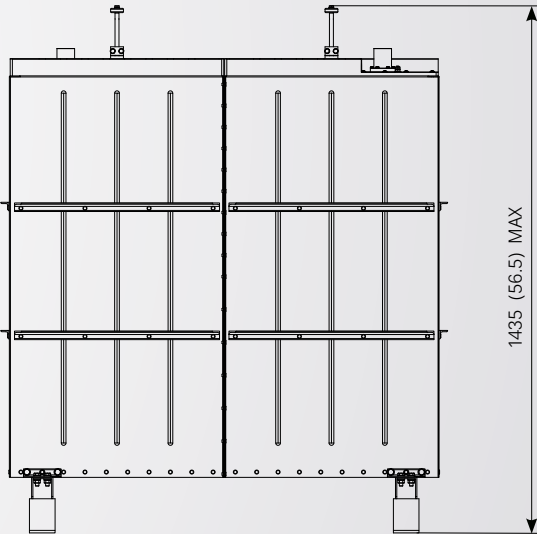
ELECTRICAL DATA

TYPE	CFM2-10/DD	CFM2-10/EE
FREQUENCY RANGE	87.5 ÷ 108 MHz	
IMPEDANCE	50 ohm	
RETURN LOSS	≥32 dB at carrier fo	
SELECTIVITY stop band atten. 20 dB	± 1.6 ÷ ± 2.0 MHz	
MAX INPUT POWER	12 kW (selectivity ± 2.0 MHz)	
	10 kW (selectivity ± 1.6 MHz)	
INSERTION LOSS	See table below	
CONNECTORS	1-5/8" Unfl.F	3-1/8" Unfl.F
OPERATING TEMPERATURE RANGE	-10 to + 45°C (+14 to +113°F)	
OVER TEMPERATURE*	typical 30 K at max input power	
MATERIALS	Brass, aluminium, invar, iron, teflon	
EXTERNAL FINISHING	Painted RAL 9005	
WEIGHT (approx)	80 kg (176 lb)	

* referred to ambient temperature. Recommended: [AmbientTemp. + OverTemp.] ≤70°C (158°F)

INSERTION LOSS at carrier fo (dB)

FREQUENCY (MHz)		87.5	98	108
SELECTIVITY (MHz)	± 2.0	0.12	0.125	0.13
	± 1.6	0.14	0.145	0.15



All dimensions are in millimeters (inches)