

CFM6ELL-1.2

FM BANDPASS FILTER

FEATURES

- FM 1.2 kW bandpass filter
- 6 pole / 200 mm (7.9 in)
- adjustable selectivity



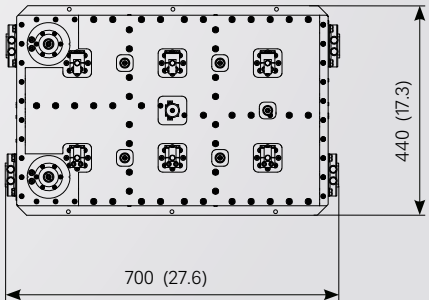
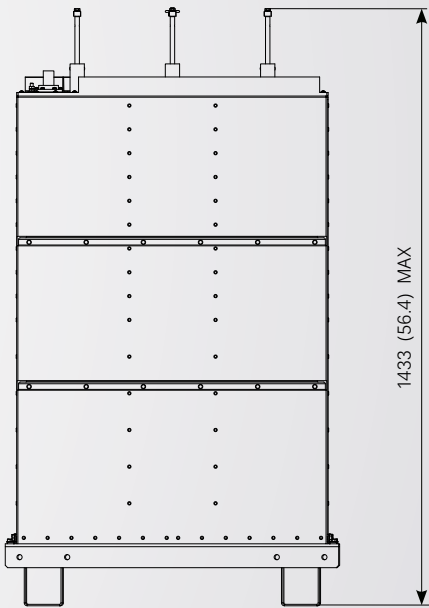
ELECTRICAL DATA

TYPE	CFM6ELL-1.2/CD (DC)	
FREQUENCY RANGE	87.5 ÷ 108 MHz	
IMPEDANCE	50 ohm	
RETURN LOSS	≥28 dB at carrier fo	
SELECTIVITY stop band atten. 20 dB	± 0.3 ÷ ± 0.4 MHz	
MAX INPUT POWER	1.2 kW (selectivity ± 0.4 MHz)	
	1.0 kW (selectivity ± 0.3 MHz)	
INSERTION LOSS	See table below	
CONNECTORS	1-5/8" Unfl.F	7/8" 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)	59 kg (130 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)	± 0.4	1.30	1.38	1.45
	± 0.3	1.75	1.83	1.90



All dimensions are in millimeters (inches)