

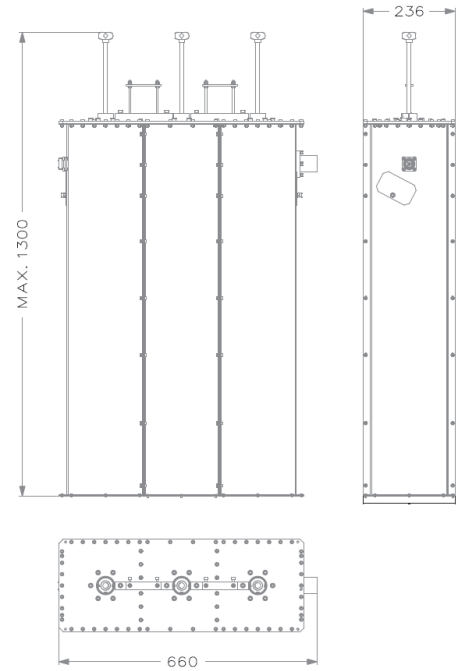
FM 2/3/4 poles band pass filters • ≤ 2 kW

**Electrical Specifications**

Model	FL12-162	FL12-163	FL12-164
Order of the bandpass filters	2	3	4
Filter type	Bandpass coaxial		
Frequency range	87.5-108 MHz		
Impedance	50 Ohm		
Max. power handling	2 kW		
Recommended selectivity	2 - 1.6 MHz	1.6 - 0.8 MHz	1.2 - 0.6 MHz
Insertion loss (at mid band)	≤0.2 - 0.25 dB (fc)	≤0.3 - 0.5 dB (fc)	≤0.4- 0.7 dB (fc)
Input/output connectors	DIN 7/16 (F) or EIA 7/8"		
VSWR	≤ 1.05 at carrier		
Group delay at fc ± 150 kHz	≤ 80 ns	≤ 110 ns	≤ 130 ns

**Mechanical & Environmental Specifications**

Dimensions (W x D x H)	440 x 236 x 1300 (max) mm	660 x 236 x 1300 (max) mm	880 x 236 x 1300 (max) mm
Weight	16 kg	24 kg	31 kg
Temperature range	-10°C to +50°C		



FL12-163

**Optional Accessories**

	7/16	7/8"
Directional couplers at inputs and outputs (see page 150)	AC12-716	AC12-078
Rack mounted	√	

**The filter can be field retuned to any frequency within specified band  
For 3 / 4 poles cross-coupling system for inspiring selectivity available**