


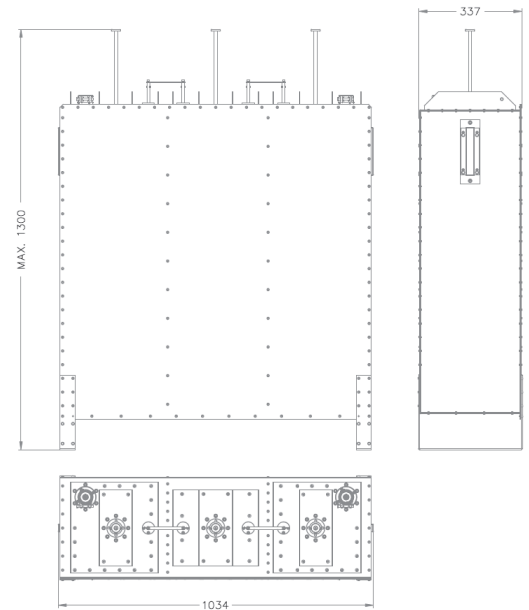
FM 2/3/4 poles band pass filters • ≤ 5 kW 

Electrical Specifications

Model	FL12-322HS	FL12-323HS	FL12-324HS
Order of the bandpass filters	2	3	4
Filter type	Bandpass coaxial		
Frequency range	87.5-108 MHz		
Impedance	50 Ohm		
Max. power handling	5 kW		
Recommended selectivity	1.6 - 1.4 MHz	1.2 – 0.8 MHz	1.0 – 0.6 MHz
Insertion loss (at mid band)	≤0.22 -0.25dB (fc)	≤0.35 - 0.45 dB (fc)	≤0.55- 0.7 dB (fc)
Input/output connectors	1 5/8" unfl female		
VSWR	≤ 1.05 at carrier		
Group delay at fc ± 150 kHz	≤ 80 ns	≤ 100 ns	≤ 120 ns

Mechanical & Environmental Specifications

Dimensions (W x D x H)	689 x 236 x 1300 (max) mm	1034 x 337 x 1300 (max) mm	1378 x 236 x 1300 (max) mm
Weight	27 kg	38 kg	50 kg
Temperature range	-10°C to +50°C		



FL12-323HS

Optional Accessories

	1 5/8"
Directional couplers at inputs and outputs (see page 150)	AC12-158
Unflanged to flanged adapters (see page 149)	TR22-123

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