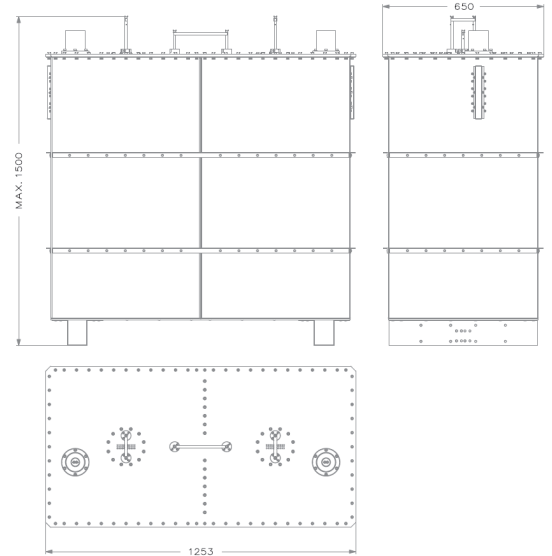


FM 2/3/4 poles band pass filters • ≤ 20 kW

Electrical Specifications

Model	FL12-652	FL12-653	FL12-654
Order of the bandpass filters	2	3	4
Filter type	Bandpass coaxial		
Frequency range	87.5-108 MHz		
Impedance	50 Ohm		
Max. power handling	20 kW		
Recommended selectivity	1.6 - 1.2 MHz	1.2 – 0.8 MHz	0.8 – 0.6 MHz
Insertion loss (at mid band)	≤0.10 -0.15dB (fc)	≤0.12 -0.17dB (fc)	≤0.25- 0.35dB (fc)
Input/output connectors	1 5/8" and 3 1/8" unfl female		
VSWR	≤ 1.05 at carrier		
Group delay at fc ± 150 kHz	≤ 50 ns	≤ 80 ns	≤ 100 ns



FL12-652

Mechanical & Environmental Specifications

Dimensions (W x D x H)	1253 x 650 x 1300 (max) mm	1903 x 650 x 1300 (max) mm	2553 x 650 x 1300 (max) mm
Weight	101 kg	142 kg	185 kg
Temperature range	-10°C to +50°C		

Optional Accessories

	1 5/8"	3 1/8"
Directional couplers at inputs and outputs (see page 150)	AC12-158	AC12-318
Unflanged to flanged adapters (see page 149)	TR22-123	TR24-125

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