FM 2-Pole 120 mm Bandpass Filter

CE2P120F

FEATURES

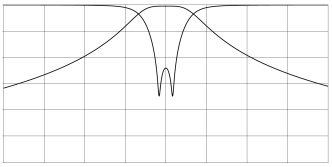
- 2-Pole
- 120 mm Cavity Size
- EVA-Mode Design
- Full Band Tunability
- DC Short
- Output Monitor Probe
- Interchangeable Connector System
- 3U Rack Ready Design

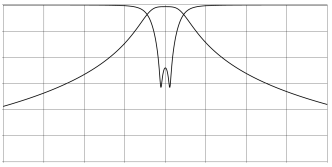
OPTIONS

- 19" Rack Panel
- Heat Sinks

SPECIFICATIONS

Code / Revision		A-CE2P120F / A
Order / Cavity Size		2-Pole / 120 mm
Frequency Range / Bandwidth		87.5-108 MHz / 2.0-3.0 MHz
Temperature Stability		< 2 kHz/K
Max Operating Temperature (Body)		65°C (149°F)
Environmental Conditions		-5 to +55°C (+23 to +131°F), IP60
Dimensions / Weight [1]		-
Connectors [2]	**2x 32 mm**	**Input; Output**
	D-PC32E	7-16 Female (Default)
	D-PC32G	7/8'' FastLine Socket
	D-PC32H	7/8'' EIA FastLine Flange
Options [2]	O-RK.09	3U Rack Panel
	O-HS.05	Heat Sinks





TUNING DATA [2]	**3.0 MHz**			**2.0 MHz**		
Tuning Code / Bandwidth	T-2F.01 / 3.0 MHz			T-2F.02 / 2.0 MHz		
Max RMS Input Power [3]						
Default	900 W			600 W		
with Heat Sinks	1.1 kW			750 W		
Efficiency (Typ.)	89%			83%		
Insertion Loss		87.5 MHz	108 MHz		87.5 MHz	108 MHz
	C.F.	< 0.46 dB	< 0.50 dB	C.F.	< 0.65 dB	< 0.70 dB
	±150 kHz	< 0.52 dB	< 0.55 dB	±150 kHz	< 0.72 dB	< 0.78 dB
Selectivity	C.F. ± 3.0 MHz	> 26 dB		C.F. ± 2.0 MHz	> 26 dB	
Return Loss / VSWR	> 26 dB / < 1.1			> 26 dB / < 1.1		
Group Delay Variation	< 40 ns			< 80 ns		

[1] Default configuration [2] Other Connectors/Options/Tunings available [3] Altitude < 1500 m (4.900 ft.), free air, standard environmental conditions

Information contained in this datasheet is proprietary
Data subject to change without notice