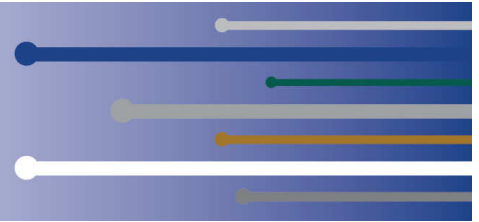


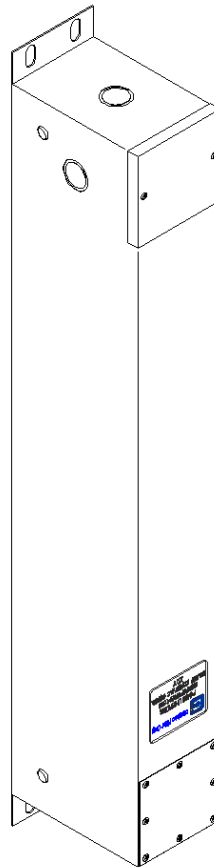


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Standalone Power Line Filters

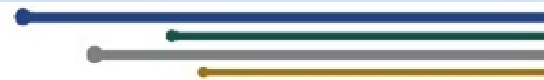
GF67920 High Attenuation Series Filter
100 dB from 14 kHz ~ 18 GHz



Product Summary

EMI/RFI Power Line Filters are used to block unwanted signals and remove interference from entering or exiting through power lines for shielded rooms, SCIFS, screen rooms and many other forms of Faraday cages. It provides 100 dB protection against EMI interference from 14 kHz ~ >18 GHz. The GF67920 series has two removable covers over the terminals. Knock outs are provided in the unshielded side, installer must punch hole for penetration conduit into the shielded side.

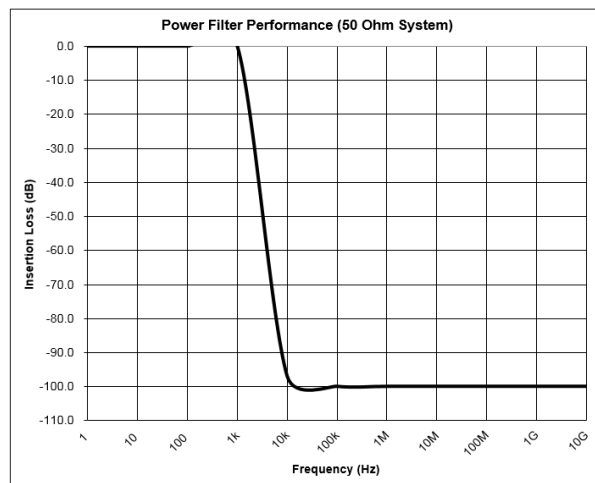
Subject to change. 2/9/2026





FUNCTIONAL CHARACTERISTICS

- Voltage Ratings:
 - o 24-1,000 VDC
 - o 120/208 VAC (50/60 Hz)
 - o 277/480 VAC (50/60 Hz)
- Voltage Drop:
 - o 2% maximum at full rated unity power factor load.
- Harmonic Distortion:
 - o 2% maximum at full rated unity power factor load
- Temperature Rating:
 - o MIL-PRF-15733
- Current Overload:
 - o 140% maximum current rating
- RF Radiation:
 - o Greater than 100 dB isolation
- Dielectric With-Standing Voltage:
 - o 2,200 VDC (prior to installation of discharge resistors)
- Insulation Resistance:
 - o MIL-PRF-15733 (prior to installation of discharge resistors)
- Insertion loss:
 - o 100 dB 14 kHz to >18 GHz
 - o 50/50 Ohm System



*Representation of Insertion Loss Specifications



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SPECIAL FEATURES

- Low Pass filter circuits ~ passive components which include inductors, capacitors, resistors, and optional transient suppression devices.
- Manufactured and tested per applicable portions of MIL-PRF-15733
- Filter cases 16 gage, CRS, plated or painted finish.
- Sealed with welded and soldered seams for shielding effectiveness.
- Discharge resistors incorporated to eliminate potential shock hazard.

Applicable Specifications

- Military Specifications
 - MIL-PRF-15733 General
- Military Test Methods
 - MIL-STD-220C Insertion Loss
 - MIL-STD-285 Shielding Effectiveness
 - MIL-STD-202 Component Parts
- NFPA 70/2011 National Electrical Code Standards
- Manufactured to UL 1283 standards.
- ETL Intertek certified.
 - Conforms to UL 1293 standard.
 - Certified to CSA STD C22.2#8
 - See product list for ETL certified models.



See model list on pages 4 & 5 for ETL listed filters



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Mechanical Dimensions

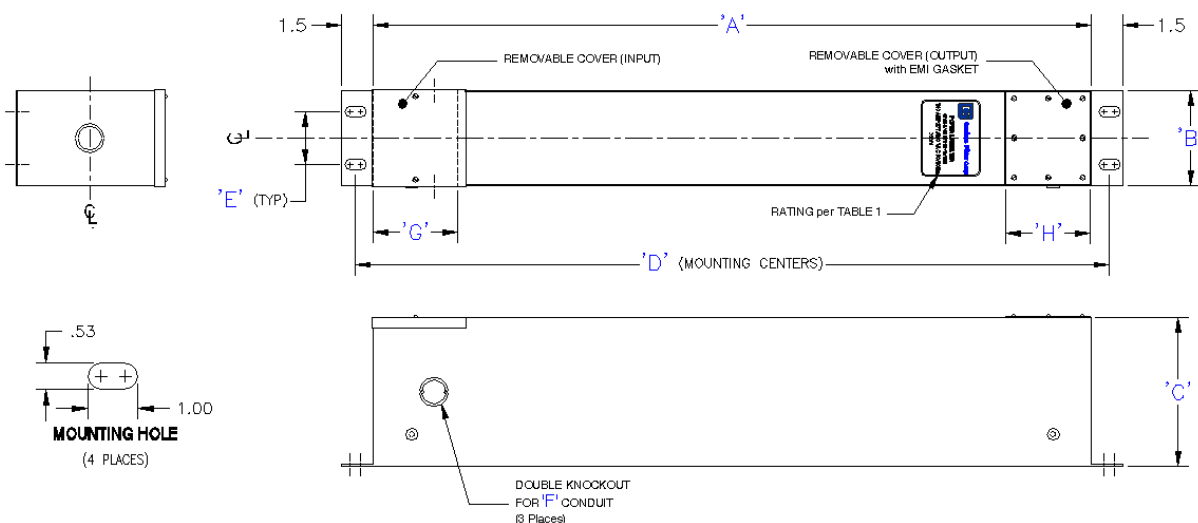


Table 1 Mechanical Dimensions

	# of Filters & Max Current Rating	A	B	C	D	E	F	G	H	Approx Weight (lbs)
YES	1x015	24	4.5	6	25.6	2	1 - 1 1/4	4	5	30
YES	1x030	28	4.5	6	29.6	2	1 - 1 1/4	4	5	35
YES	1x060	34	5	6	35.6	2	1 - 1 1/4	4	5	50
YES	1x100	34	5	6	35.6	2	1 - 1 1/4	4	5	50
YES	1x150	45	6.5	8	46.6	2	1 - 1 1/4	6	7	85
YES	1x200	45	6.5	8	46.6	2	1 - 1 1/4	6	7	85
NO	1x250	45	6.5	8	46.6	2	1 - 1 1/4	6	7	100
NO	1x300	51	8	10	52.6	2	1 1/4 - 1 1/2	6	7	150
NO	1x400	51	8	10	52.6	2	1 1/4 - 1 1/2	6	7	150



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	# of Filters & Max Current Rating	A	B	C	D	E	F	G	H	Approx. Weight (lbs.)
	2x015	24	8	6	28.6	2	1 - 1¼	4	5	40
YES	2x030	28	8	6	29.6	2	1 - 1¼	4	5	45
YES	2x060	34	10	6	35.6	3	1 - 1¼	4	5	100
YES	2x100	34	10	6	35.6	3	1 - 1¼	4	5	100
YES	2x150/200	45	11	8	46.6	3	1¼ - 1½	6	7	125
NO	3x015	24	11	6	24.6	3	1 - 1¼	4	5	55
YES	3x030	28	11	6	29.6	3	1 - 1¼	4	5	55
YES	3x060	34	15	6	35.6	3	1 - 1¼	4	5	75
YES	3x100	34	15	6	35.6	3	1 - 1¼	4	5	80
NO	4x015	24	14	6	24.6	3	1 - 1¼	4	5	70
YES	4x030	28	14	6	29.6	3	1 - 1¼	4	5	75

*Other Circuit Configurations and Current Ratings Available Upon Request • Dimensions are in Inches

PART NUMBER BREAKDOWN, USING A **GF67920-2X30-00** AS THE EXAMPLE:

- GF67920 = BASIC FILTER SERIES
- -2x30 = Number of filter circuits within the filter housing. This is followed by the amperage rating. In this example there are two wire terminations each rated for 30 amps. A line and neutral, two lines, or positive and negative.
- -00. The last one or two characters denote options or special manufacturing notes.

Information is general and subject to change without notice. Please contact us for help with your project.



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Note: Filters are not designed or intended for short circuit, and are not provided with integral overcurrent protection, or any overcurrent protection. Intended to be installed with suitably rated overcurrent protection upstream to prevent all short-circuit scenarios from occurring. When a filter is installed downstream of an approved overcurrent protection device (such as a circuit breaker) there is no need for the filter to have an SCCR rating itself, since the upstream protection device will provide protection to the filter.

Please contact us for specific model information and pricing or with any questions you may have.

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2/9/26