

F SERIES

FACILITY/SHIELDED ROOM POWER LINE FILTERS (SINGLE AND DUAL LINE)

FEATURES

- » Attenuation (insertion loss) is 100dB @14KHz to 10GHz measured in accordance with MIL-STD-220
- » Filter insertion loss will extend to 40 GHz when installed with proper EMI shielding and isolation
- » Filters supplied with two separate removable covers to access input and output terminals.
- » Designed to meet MIL-PRF-15733 and MIL-STD-810
- » Safety approved to UL 1283, and CSA C22.2 #8-13
- » Bleeder resistors are built into each filter line to discharge the capacitor voltage to ground potential during power shutdown
- » Designed to operate continuously at rated currents and voltages, and are capable of with standing a 40% current overload for 15 minutes without degradation
- » <1% Voltage drop across each filter line at room temperature and full rated current



SPECIFICATIONS

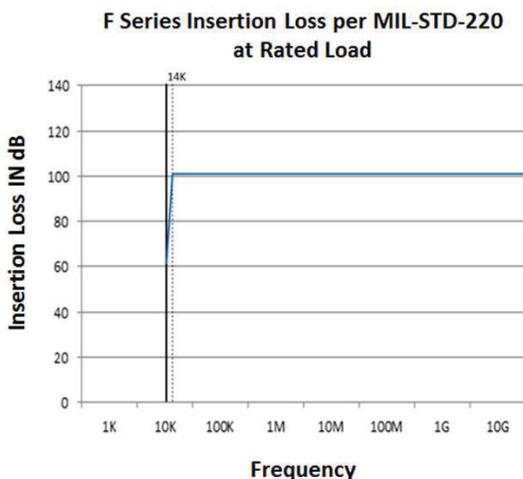
OPERATING FREQUENCY	50/60 HZ
ATTENUATION (INSERTION LOSS)	100 DB @14 KHZ TO 40 GHZ
MAX. OPERATING VOLTAGE	120/208VAC & 277/480 VAC (345/600VAC FOR SPECIFIC MODELS)
OPERATING TEMPERATURE:	-40°C TO +85°C
TERMINALS (-T)	THREADED STUDS, COMPRESSION LUGS, CONNECTION PLATES

MATERIAL/FINISH

CRS with gray enamel paint over conductive plating (no paint on mounting surface) or stainless steel.

TYPICAL APPLICATIONS

- ✓ Secure Facilities
- ✓ Data Centers
- ✓ Strategic Command Centers
- ✓ Foreign Embassies
- ✓ Shielded Rooms
- ✓ EMI Test Labs
- ✓ Radio Astrophysics Research Labs

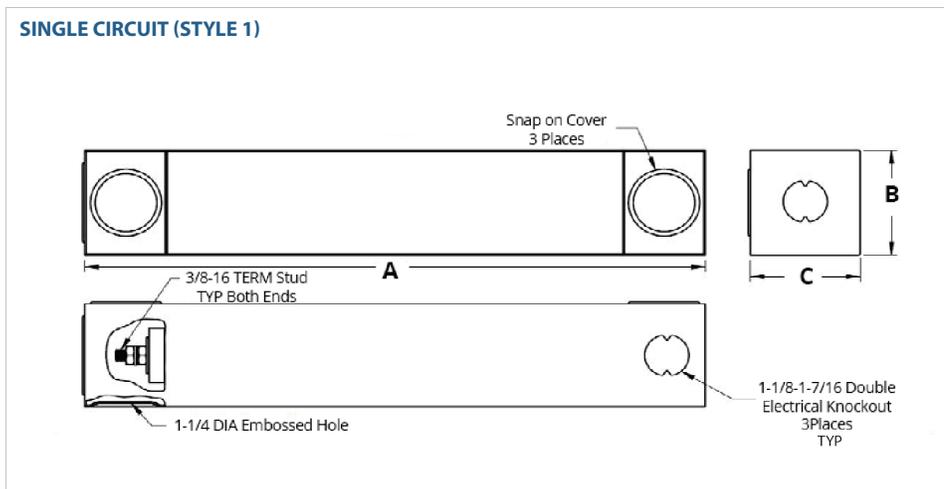


F SERIES

FACILITY/SHIELDED ROOM CABINET STYLE POWER LINE FILTERS (MULTI-LINE)

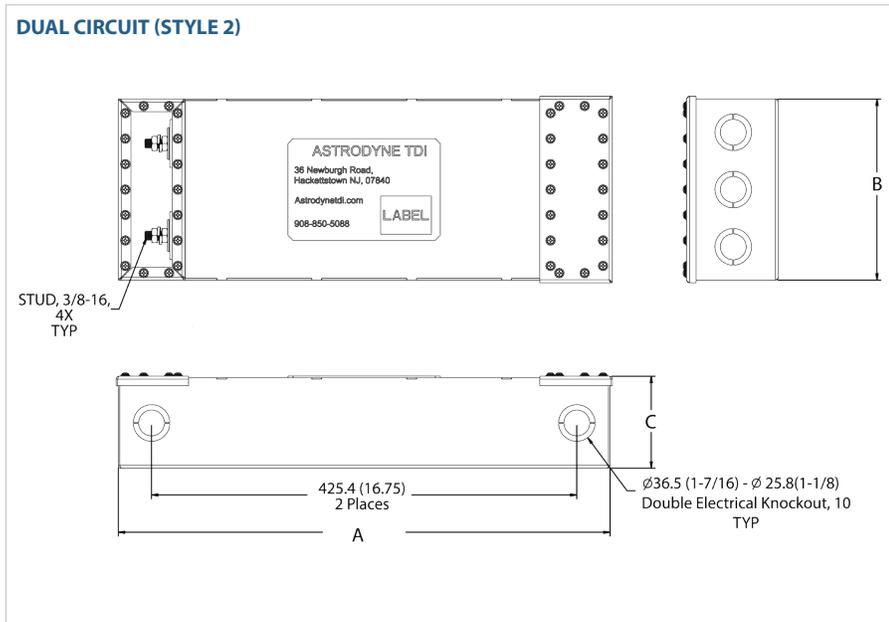
MODEL NO.	RATED CURRENT (A)	VOLTAGE (VAC)	DIMENSIONS (MM)			STYLE
			(A)	B	C	
F-0020-1	20	277	19.38 (492.25)	3.63 (92.20)	3.56 (90.42)	1
F-0030-1	30	277	20.13 (511.30)	3.63 (92.20)	3.56 (90.42)	1
F-0050-1	50	277	26.50 (673.10)	3.63 (92.20)	3.56 (90.42)	1
F-0075-1	75	277	26.50 (673.10)	3.63 (92.20)	3.56 (90.42)	1
F-0100-1	100	277	28.88 (733.55)	4.00 (101.60)	4.00 (101.60)	1
F-0200-1	200	277	48.00 (1219.20)	8.00 (203.20)	8.00 (203.20)	1
F-0400-1	400	345	48.00 (1219.20)	8.00 (203.20)	10.50 (266.70)	1
F-0020-2	2x20	277/480	19.37 (491.94)	7.12 (180.79)	3.56 (90.42)	2
F-0030-2	2x30	277/480	20.13 (511.30)	7.13 (181.10)	3.56 (90.42)	2
F-0050-2	2x50	277/480	26.50 (673.10)	7.13 (181.10)	3.56 (90.42)	2
F-0075-2	2x75	277/480	26.50 (673.10)	7.13 (181.10)	3.56 (90.42)	2
F-0100-2	2x100	277/480	28.88 (733.55)	8.00 (203.20)	4.00 (101.60)	2

F MECHANICAL OUTLINE



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Note:

1. For custom specifications or modified versions of above products, please contact our product support team.
2. Dimensions shown above are for reference purposes only.