

TGF1960 SERIES

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

FEATURES

- » Attenuation (insertion loss) is 100dB @14KHz to 10GHz measured in accordance with MIL-STD-220
- » Filter cabinets supplied with two separate removable covers to access input and output terminals. The output compartment is supplied with an EMI (RF) non- corrosive, environmental gasket to prevent RF leakage and accommodate maximum isolation between input and output compartments. The input compartment is supplied with a moisture resistant gasket
- » Filter insertion loss will extend to 40 GHz when installed with proper EMI shielding and isolation.
- » Voltage drop across each filter line at room temperature and full rated current is less than 1%
- » Designed to meet MIL-PRF-15733, MIL-STD-810 and UL 1283
- » Bleeder resistors are built into each filter line to discharge the capacitor voltage to ground potential during power shutdown



SPECIFICATIONS

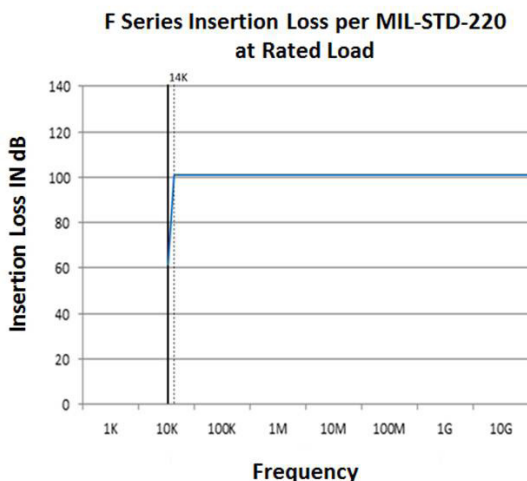
OPERATING FREQUENCY	50/60 HZ
ATTENUATION (INSERTION LOSS)	100 DB @14 KHZ TO 10 GHZ
MAX. OPERATING VOLTAGE	120/208VAC & 277/480 VAC (345/600VAC FOR SPECIFIC MODELS)
TERMINALS (-T)	THREADED STUDS, COMPRESSION LUGS, CONNECTION PLATES

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



TGF1960 SERIES

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

MODEL NO.	RATED CURRENT (A)	VOLTAGE (VAC)	DIMENSIONS (MM)					
			(A)	B	C	D	E	F
TGF1960-2W	2x20	277/480	10.37 (263.40)	26.50 (673.10)	4.93 (125.22)	12.01 (305.05)	21.50 (546.10)	1.50 (38.10)
TGF1960-3W	3x20	277/480	15.00 (381.00)	26.50 (673.10)	4.75 (120.65)	16.00 (406.40)	21.50 (546.10)	2.50 (63.50)
TGF1960-4W	4x20	277/480	19.63 (498.60)	26.50 (673.10)	4.75 (120.65)	20.63 (524.00)	21.50 (546.10)	2.50 (63.50)
TGF1961-2W	2x30	277/480	10.37 (263.40)	28.00 (711.20)	4.75 (120.65)	11.37 (288.80)	23.00 (584.20)	2.50 (63.50)
TGF1961-3W	3x30	277/480	15.00 (381.00)	28.00 (711.20)	4.75 (120.65)	16.00 (406.40)	23.00 (584.20)	2.50 (63.50)
TGF1961-4W	4x30	277/480	19.62 (498.35)	28.00 (711.20)	4.83 (122.70)	20.62 (523.75)	23.00 (584.20)	2.50 (63.50)
TGF1962-2W	2x50	277/480	10.37 (263.40)	32.87 (834.90)	4.43 (112.52)	11.37 (288.80)	27.87 (707.90)	2.50 (63.50)
TGF1962-3W	3x50	277/480	15.00 (381.00)	32.87 (834.90)	4.75 (120.65)	16.00 (406.40)	27.87 (707.90)	2.50 (63.50)
TGF1962-4W	4x50	277/480	19.62 (498.35)	32.87 (834.90)	4.75 (120.65)	20.62 (523.75)	27.87 (707.90)	2.50 (63.50)
TGF1963-2W	2x75	277/480	10.37 (263.40)	32.87 (834.90)	4.43 (112.52)	11.37 (288.80)	27.87 (707.90)	2.50 (63.50)
TGF1963-3W	3x75	277/480	15.00 (381.00)	32.87 (834.90)	4.51 (114.50)	16.00 (406.40)	27.87 (707.90)	2.50 (63.50)
TGF1963-4W	4x75	277/480	19.62 (498.35)	32.87 (834.90)	4.43 (112.52)	20.62 (523.75)	27.87 (707.90)	2.50 (63.50)
TGF1964-2W	2x100	277/480	11.13 (282.70)	35.25 (895.35)	4.75 (120.65)	12.13 (308.10)	30.25 (768.35)	2.50 (63.50)
TGF1964-3W	3x100	277/480	16.12 (409.45)	35.25 (895.35)	4.75 (120.65)	17.12 (434.85)	30.25 (768.35)	2.50 (63.50)
TGF1964-4W	4x100	277/480	21.12 (536.45)	35.25 (895.35)	4.43 (112.52)	22.12 (561.85)	30.25 (768.35)	2.50 (63.50)
TGF1968-2W	2x150	277/480	18.00 (457.20)	32.87 (834.90)	4.75 (120.65)	19.00 (482.60)	27.87 (707.90)	2.50 (63.50)
TGF1968-3W	3x150	277/480	25.00 (635.00)	32.87 (834.90)	4.75 (120.65)	26.00 (660.40)	27.87 (707.90)	2.50 (63.50)
TGF1968-4W	4x150	277/480	33.00 (838.20)	32.87 (834.90)	4.75 (120.65)	34.00 (863.60)	27.87 (707.90)	2.50 (63.50)
TGF1969-2W	2x200	277/480	20.00 (508.00)	35.25 (895.35)	4.75 (120.65)	21.00 (533.40)	30.25 (768.35)	2.50 (63.50)
TGF1969-3W	3x200	277/480	28.00 (711.20)	35.25 (895.35)	4.43 (112.52)	29.00 (736.60)	30.25 (768.35)	2.50 (63.50)
TGF1969-4W	4x200	277/480	37.00 (939.80)	35.25 (895.35)	4.75 (120.65)	29.00 (736.60)	30.25 (768.35)	2.50 (63.50)
TGF1976-2W	2x225	277/480	21.00 (533.40)	46.00 (1168.40)	7.00 (177.80)	22.60 (574.04)	41.00 (1041.40)	2.50 (63.50)
TGF1976-3W	3x225	277/480	36.00 (914.40)	46.00 (1168.40)	7.00 (177.80)	38.60 (980.44)	41.00 (1041.40)	2.50 (63.50)
TGF1976-4W	4x225	277/480	40.00 (1016.00)	46.00 (1168.40)	7.00 (177.80)	41.60 (1056.64)	41.00 (1041.40)	2.50 (63.50)
TGF19315-2W	2x400	345/600	23.00 (584.20)	60.00 (1524.00)	12.00 (304.80)	24.60 (624.84)	55.00 (1397.00)	2.50 (63.50)
TGF19315-3W	3x400	345/600	29.25 (743.00)	60.00 (1524.00)	12.00 (304.80)	31.85 (809.00)	50.00 (1270.00)	5.00 (127.00)
TGF19315-4W	4x400	345/600	40.00 (1016.00)	60.00 (1524.00)	12.00 (304.80)	42.60 (1082.04)	50.00 (1270.00)	5.00 (127.00)
TGF19325-2W	2x800	345/600	40.00 (1016.00)	60.00 (1524.00)	12.00 (304.80)	42.60 (1082.04)	50.00 (1270.00)	5.00 (127.00)
TGF19325-3W	3x800	345/600	58.25 (1479.60)	60.00 (1524.00)	12.00 (304.80)	60.85 (1545.50)	50.00 (1270.00)	5.00 (127.00)
TGF19325-4W	4x800	345/600	*	*	*	*	*	*
TGF19342-2W	2x1200	345/600	58.25 (1479.60)	60.00 (1524.00)	12.00 (304.80)	60.85 (1545.50)	50.00 (1270.00)	5.00 (127.00)
TGF19342-3W	3x1200	345/600	*	*	*	*	*	*
TGF19342-4W	4x1200	345/600	*	*	*	*	*	*
TGF19442-4W	4x1600	345/600	*	*	*	*	*	*
TGF19542-3W	3x2500	345/600	*	*	*	*	*	*
TGF19542-4W	4x2500	345/600	*	*	*	*	*	*

*Contact factory for dimension.

TGF1960 SERIES

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

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.

TGF1960 MECHANICAL OUTLINES (MM)

