

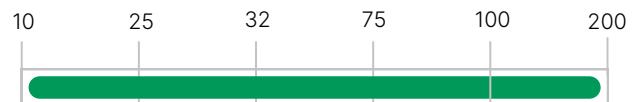
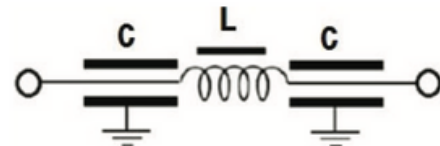
Features:

- Wide Capacitance range 10nF to 4700nF
- High contact reliability
- Easy to install.

Applications:

- Broadband interference suppression for shielded rooms
- Telephone exchanges, base stations
- Electrical machines and systems.

Performance Indicator:

Rated Current (A):

Type Circuit Diagram:

DATASHEET
FEEDTHROUGH FILTERS - FTFAC

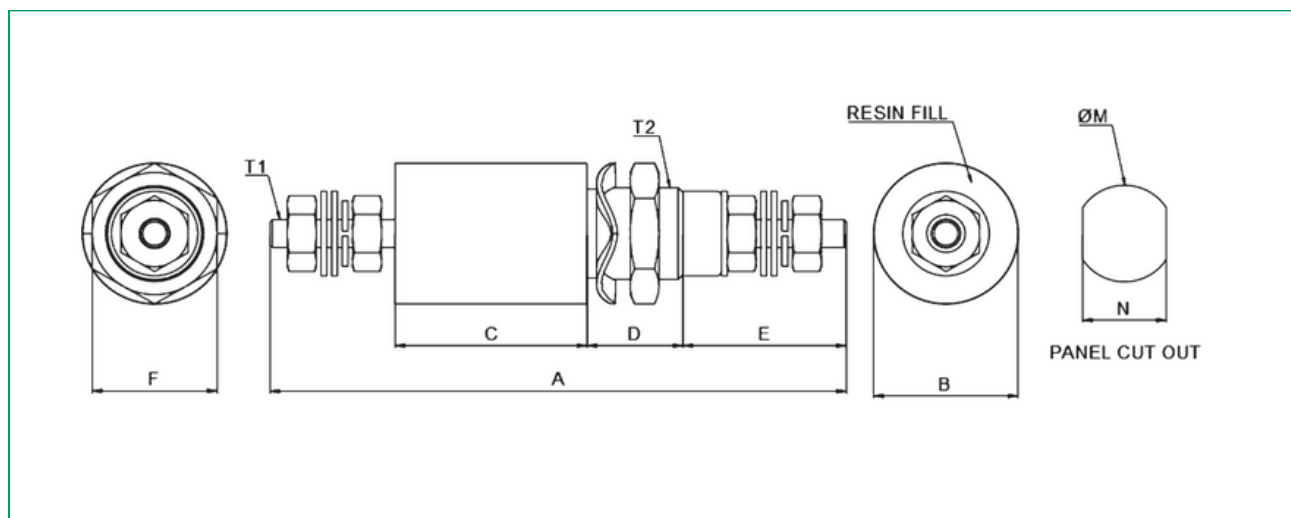
Feedthrough filter Provide high attenuation across broad frequency range, extending up to 1 GHz. they are available in wide selection of capacitance values and are offered with diverse Mounting configurations and Termination options to suit various application Requirement .

Technical Specifications:

Maximum Continuous Operating Voltage	:250 VAC
Operating Frequency	:50/60 Hz
Current ratings	:6 A to 200 A @60° C
High Potential test voltage	:3000 VDC Line to Case For 2 sec
Capacitance Class	:Y2
Design Corresponding to	:UL 60939-3, IEC 60939-1&2, CSA C22.2 No.8
Flammability corresponding to	:UL 94 V-2 or Better
Temperature range	:-40°C to +100°C
Climatic Category	:40/100/21

Ordering Information

Model Number	Part Number	Current Rating @60°C(A)	Leakage Current @250 VAC/50Hz (mA)	Capacitance (nF) ±20%	Min.Weight (kg)
FTFAC-0010N-010A	E106685-1	10	2	10	0.4
FTFAC-0022N-016A	E106686-1	16	4.5	22	0.5
FTFAC-0022N-032A	E106687-1	32	4.5	22	0.5
FTFAC-0047N-010A	E106688-1	10	10	47	0.5
FTFAC-0100N-016A	E106689-1	16	20	100	0.5
FTFAC-0100N-032A	E106690-1	32	20	100	0.5
FTFAC-0100N-075A	E106691-1	75	20	100	0.8
FTFAC-0150N-063A	E109822-1	63	32	150	0.8
FTFAC-0220N-130A	E112666-1	130	50	220	0.7
FTFAC-0470N-010A	E110090-1	10	90	470	1.0
FTFAC-0470N-016A	E110091-1	16	90	470	1.5
FTFAC-0470N-025A	E106692-1	25	90	470	1.5
FTFAC-0470N-032A	E110092-1	32	90	470	1.5
FTFAC-0470N-063A	E106693-1	63	90	470	2.0
FTFAC-0470N-075A	E106694-1	75	90	470	2.0
FTFAC-0470N-100A	E106695-1	100	90	470	2.0
FTFAC-0470N-130A	E112667-1	130	90	470	0.4
FTFAC-0470N-200A	E106696-1	200	90	470	3.5
FTFAC-1000N-010A	E110093-1	10	190	1000	1.5
FTFAC-1000N-016A	E110094-1	16	190	1000	1.5
FTFAC-1000N-025A	E106700-1	25	190	1000	1.5
FTFAC-1000N-032A	E110095-1	32	190	1000	1.5
FTFAC-1000N-063A	E106701-1	63	190	1000	3.5
FTFAC-1000N-075A	E106702-1	75	190	1000	3.5
FTFAC-1000N-100A	E106703-1	100	190	1000	3.5
FTFAC-1000N-200A	E106704-1	200	190	1000	3.5
FTFAC-2200N-010A	E110096-1	10	420	2200	1.5
FTFAC-2200N-016A	E110097-1	16	420	2200	1.5
FTFAC-2200N-032A	E110098-1	32	420	2200	3.5
FTFAC-2200N-063A	E106708-1	63	420	2200	3.5
FTFAC-2200N-075A	E109823-1	75	420	2200	3.5
FTFAC-2200N-100A	E106709-1	100	420	2200	3.5
FTFAC-2200N-200A	E106710-1	200	420	2200	3.5
FTFAC-3300N-010A	E110099-1	10	630	3300	3.5
FTFAC-3300N-016A	E110100-1	16	630	3300	3.5
FTFAC-3300N-032A	E110101-1	32	630	3300	3.5
FTFAC-3300N-063A	E110102-1	63	630	3300	3.5
FTFAC-3300N-100A	E110103-1	100	630	3300	3.5
FTFAC-3300N-200A	E110104-1	200	630	3300	3.5
FTFAC-4700N-063A	E106714-1	63	890	4700	3.5
FTFAC-4700N-100A	E106715-1	100	890	4700	3.5
FTFAC-4700N-200A	E106716-1	200	890	4700	3.5



Mechanical Dimensions

Model Number	A±1	øB±0.5	C±2	D±1	E±2	F±0.5	T1	T2	M -0/+0.5	N -0/+0.5
FTFAC-0010N-010A	120	25	70	12	21	17	M3	M12	12.3	12.3
FTFAC-0022N-016A	130	28	82	14	21	24	M4	M16	16.3	14.3
FTFAC-0022N-032A	140	28	82	14	26	24	M5	M16	16.3	14.3
FTFAC-0047N-010A	125	28	86	14	16	24	M3	M16	16.3	14.3
FTFAC-0100N-016A	140	32	86	14	22	24	M4	M16	16.3	14.3
FTFAC-0100N-032A	150	32	90	14	29	24	M5	M16	16.3	14.3
FTFAC-0100N-075A	192	38	110	16	37	32	M8	M20	20.3	18.3
FTFAC-0150N-063A	185	38	110	14	32	24	M6	M16	16.3	14.3
FTFAC-0220N-130A	124	32	46	15	38	27	M8	M20	20.3	18.3
FTFAC-0470N-010A	210	32	150	14	25	24	M3	M16	16.3	14.3
FTFAC-0470N-016A	210	38	150	14	25	24	M4	M16	16.3	14.3
FTFAC-0470N-025A	220	38	150	14	32	24	M5	M16	16.3	14.3
FTFAC-0470N-032A	220	38	150	14	32	24	M5	M16	16.3	14.3
FTFAC-0470N-063A	245	38	170	14	35	24	M6	M16	16.3	14.3
FTFAC-0470N-075A	258	38	170	16	41	27	M8	M20	20.3	18.3
FTFAC-0470N-100A	258	38	170	16	41	27	M8	M20	20.3	18.3
FTFAC-0470N-130A	124	32	46	15	38	27	M8	M20	20.3	18.3
FTFAC-0470N-200A	275	57	180	19	45	40	M10	M24	24.3	22.3
FTFAC-1000N-010A	210	38	150	14	25	24	M3	M16	16.3	14.3
FTFAC-1000N-016A	210	38	150	14	25	24	M4	M16	16.3	14.3
FTFAC-1000N-025A	220	38	150	14	30	24	M5	M16	16.3	14.3
FTFAC-1000N-032A	220	38	150	14	30	24	M5	M16	16.3	14.3
FTFAC-1000N-063A	245	57	170	16	35	27	M6	M20	20.3	18.3
FTFAC-1000N-075A	258	57	170	19	41	40	M8	M24	24.3	22.3
FTFAC-1000N-100A	258	57	170	19	41	40	M8	M24	24.3	22.3
FTFAC-1000N-200A	275	57	180	19	45	40	M10	M24	24.3	22.3
FTFAC-2200N-010A	210	38	150	14	25	24	M3	M16	16.3	14.3
FTFAC-2200N-016A	210	38	150	14	25	24	M4	M16	16.3	14.3
FTFAC-2200N-032A	240	57	170	14	32	24	M5	M16	16.3	14.3
FTFAC-2200N-063A	245	57	170	16	35	27	M6	M20	20.3	18.3
FTFAC-2200N-075A	258	57	170	19	41	40	M8	M24	24.3	22.3
FTFAC-2200N-100A	258	57	170	19	41	40	M8	M24	24.3	22.3
FTFAC-2200N-200A	275	57	180	19	45	40	M10	M24	24.3	22.3

Model Number	A±1	øB±0.5	C±2	D±1	E±2	F±0.5	T1	T2	M	N
FTFAC-3300N-010A	216	57	160	14	24	24	M3	M16	16.3	14.3
FTFAC-3300N-016A	220	57	160	14	26	25	M4	M16	16.3	14.3
FTFAC-3300N-032A	240	57	170	14	32	25	M5	M16	16.3	14.3
FTFAC-3300N-063A	245	57	170	16	35	27	M6	M20	20.3	18.3
FTFAC-3300N-100A	258	57	170	19	41	32	M8	M24	24.3	22.3
FTFAC-3300N-200A	275	57	180	19	45	40	M10	M24	24.3	22.3
FTFAC-4700N-063A	245	57	170	16	35	27	M6	M20	20.3	18.3
FTFAC-4700N-100A	258	57	170	19	41	40	M8	M24	24.3	22.3
FTFAC-4700N-200A	275	57	180	19	45	40	M10	M24	24.3	22.3

All dimensions are in mm.

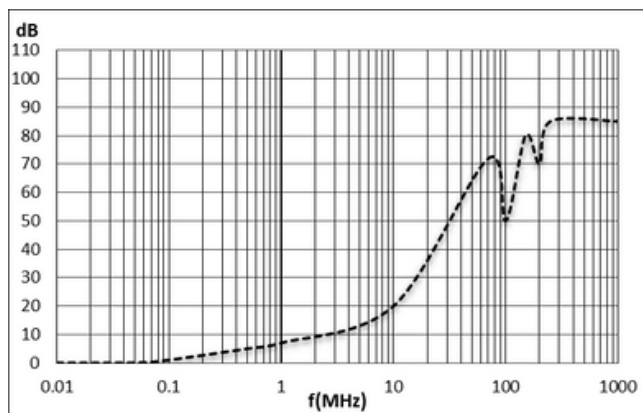
Torque Details

Recommended Torque	M3	M4	M6	M8	M10	M10X1	M12X1	M16X1	M20X1	M24X1
Terminal Thread(Nm)	0.5	1.2	2.5	5	8	-	-	-	-	-
Mounting Thread(Nm)	-	-	-	-	-	2	3	4	7	8

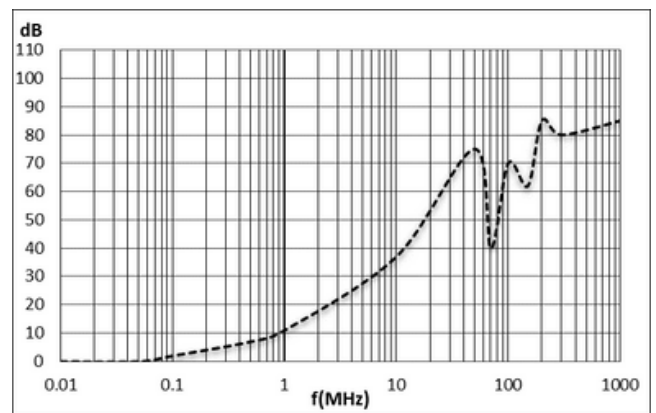
Insertion Loss

Typical values at 50 Ω

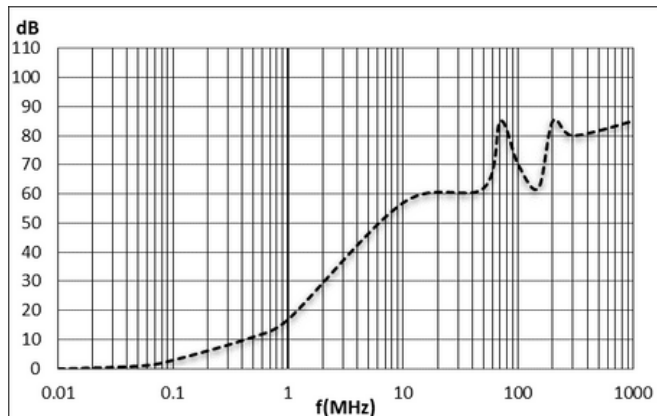
10nF



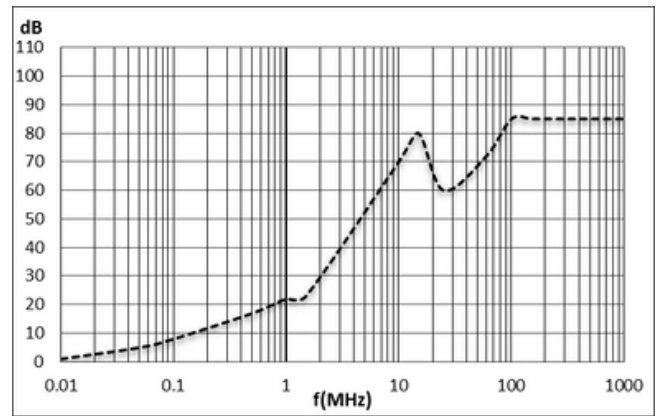
22nF

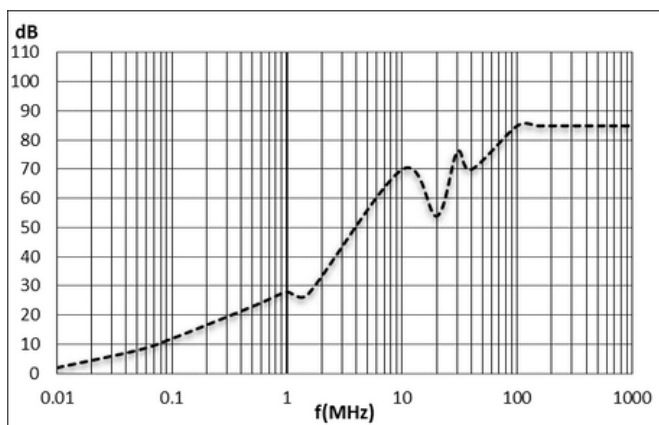
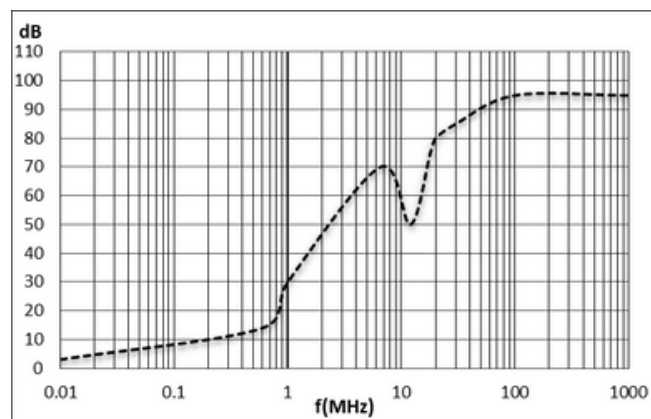
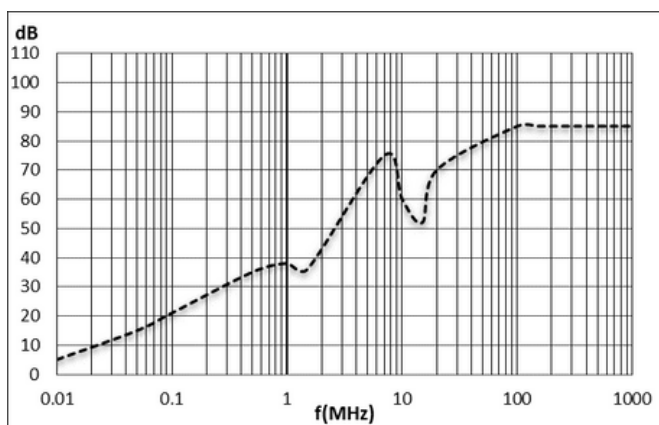
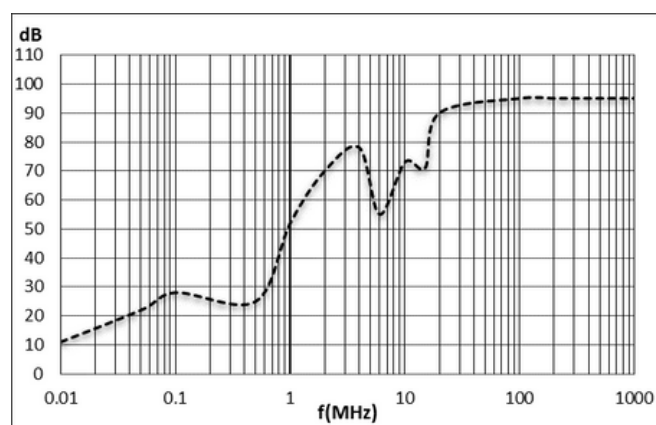
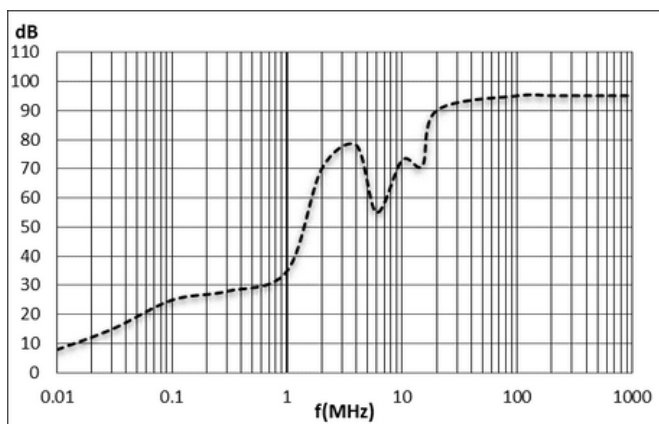
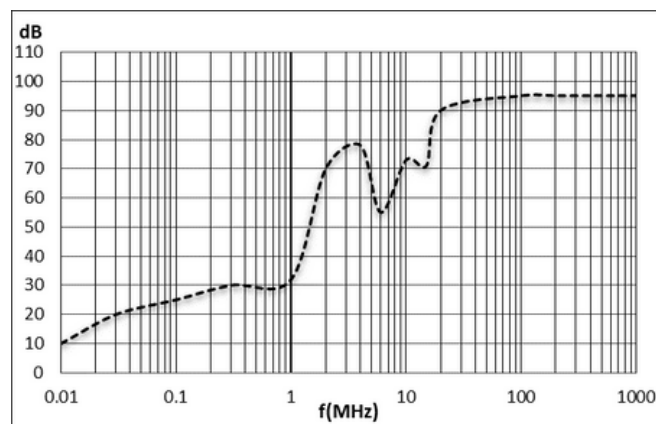


47nF



100nF



150nF**220nF****470nF****1000nF****2200nF****3300nF****4700nF**