

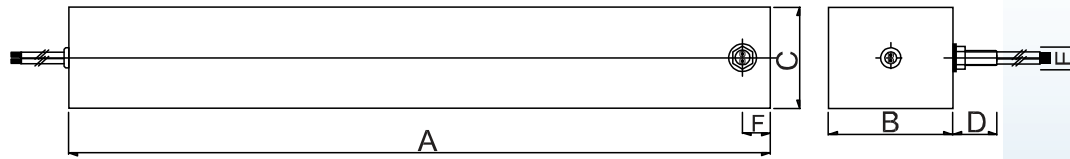
# C Series EMC Filters

Compliance Engineering's C series EMC filters are a high performance filter used for RF shielded room applications. The filters are bulkhead mounted and provide excellent performance over the frequency range 14 kHz to 10 GHz (and above).

Technical Data	
Rated Voltage:	220 / 380VAC 500VDC
Operating Frequency:	50 / 60 Hz
Test Voltage (1 min):	1000 VDC
Leakage Current:	Measured with 220 V / 50 Hz
Climate Category	25 / 070 / 21

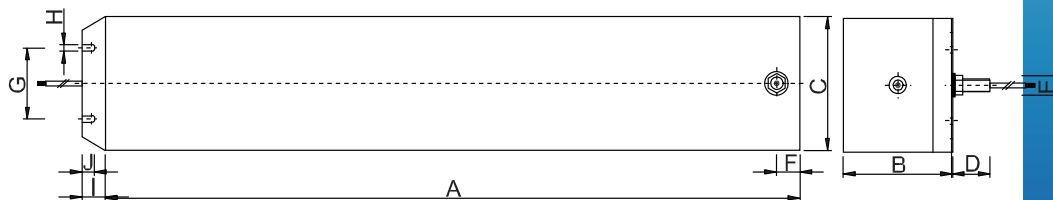


Model	Rated Current (A)	Leakage Current ≤ (A)	Frequency (MHz)	Insertion Loss (dB)	Figure
15C	15	6.6	0.014 – 10G/40G	100	1
25C	25	6.6	0.014 – 10G/40G	100	1
50C	50	9.7	0.014 – 10G/40G	100	1
50CN1	50	5.3	0.014 – 10G/40G	100	1
50CN-400	50	0.58	0.014 – 10G/40G	100	1
70CN	70	6.9	0.1 – 18G/40G	100	2
100CN	100	7	0.014 – 10G/40G	60~100	2
200CN	200	20	0.014 – 10G/40G	100	2
2X1C	1	0.33	0.014 – 10G/40G	100	1
2X6C	6	0.9	0.014 – 10G/40G	100	1
2X15CN	15	1.3	0.014 – 10G/40G	100	1
2X20C	20	6.6	0.014 – 10G/40G	100	1
2X30C	30	6.6	0.014 – 10G/40G	100	1
2X30CM	30	2.7	0.014 – 10G/40G	100	1
2X30CN	30	1.8	0.014 – 10G/40G	100	1



**Figure 1.**

Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
15C	760	135	110	48	M16	30
25C	760	135	110	48	M16	30
50C	760	135	110	48	M16	30
50CN1	760	130	100	46	M24	30
50CN-400	690	140	110	48	M24	30
2X1C	300	100	150	46	M16	20
2X6C	310	100	160	46	M16	15
2X15CN	760	120	200	46	M16	30
2X20C	760	120	200	46	M24	30
2X30C	760	120	200	46	M24	30
2X30CM	760	120	200	46	M24	30
2X30CN	760	120	200	46	M24	30



**Figure 2.**

Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	J (mm)
70CN	890	140	170	46	M24	30	90	8.2	30	16
100CN	890	140	170	46	M24	30	90	8.2	30	16
200CN	960	140	186	48	M48	40	90	8.2	30	16