



Defence & Aerospace

Product Catalogue



Military Grade Filters

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Military Grade Filters

Military standards are much more stringent when compared to commercial applications because of negligible room for error. Military Grade Filters are especially used for Point of Entry (POE) protection. They are broadly categorized as Power Line, Data Line and Signal Line Filters covering the power supply and telecommunication equipment in defence applications.



Military Grade Filters / Facility Power Line Filters / Single Phase



Common Mode Facility Filter – SMF911

Operating Voltage Current Rating Operating Frequency 277VAC/380VDC Up to 3000A
50/60Hz

Performance Indicator

Standard	High	Very High

Tested as per MIL-STD-461G

Discrete Line Facility Filter – SMF912

Operating Voltage Current Rating Operating Frequency
277VAC/380VDC Up to 3000A 50/60Hz

Performance Indicator

Standard	High	Very High

Tested as per MIL-STD-461G

Military Grade Filters / Facility Power Line Filters / Three Phase (3W, 4W)



Common Mode Facility Filter – TMF911

Operating Voltage Current Rating Operating Frequency 480VAC/675VDC Up to 3000A
50/60Hz

Performance Indicator

Standard	High	Very High

Tested as per MIL-STD-461G

Discrete Line Facility Filter – TMF912

Operating Voltage Current Rating Operating Frequency
480VAC/675VDC Up to 3000A 50/60Hz

Performance Indicator

Standard	High	Very High

Tested as per MIL-STD-461G



Military Grade Filters / HEMP Power Line Filters / Single Phase

Common Mode HEMP Filter – SMF913



Operating Voltage	Current Rating	Operating Frequency
250VAC	Up to 3000A	50/60Hz

Performance Indicator

Standard	High	Very High

Tested as per MIL-STD-188-125-1/2

Discrete Line HEMP Filter – SMF914

Operating Voltage	Current Rating Up to	Operating Frequency
250VAC	3000A	50/60Hz

Performance Indicator

Standard	High	Very High

Tested as per MIL-STD-188-125-1/2

Military Grade Filters / HEMP Power Line Filters / Three Phase

Common Mode HEMP Filter – TMF913



Operating Voltage	Current Rating	Operating Frequency
440VAC	Up to 3000A	50/60Hz

Performance Indicator

Standard	High	Very High

Tested as per MIL-STD-188-125-1/2

Discrete Line HEMP Filter – TMF914

Operating Voltage	Current Rating	Operating Frequency
440VAC	Up to 3000A	50/60Hz

Performance Indicator

Standard	High	Very High

Tested as per MIL-STD-188-125-1/2



Military Grade Filters / Signal Line Filters / Telephone Line Filters

Telephone Line EMP Surge Protector – CMF925



Operating Voltage	Current Rating	Number of Lines
95VAC/125VDC	125mA	1

Performance Indicator

Standard	High	Very High

Tested as per MIL-STD-188-125-1/2

Telephone Line Filter – CMF926



Operating Voltage	Current Rating	Number of Lines
95VAC/125VDC	300mA	Up to 32 Lines

Performance Indicator

Standard	High	Very High

Tested as per MIL-STD-461G

Telephone Line HEMP Filter – CMF927



Operating Voltage	Current Rating	Number of Lines
95VAC/125VDC	125mA	Up to 32 Lines

Performance Indicator

Standard	High	Very High

Tested as per MIL-STD-188-125-1/2

Military Grade Filters / Signal Line Filters / Co-axial EMP Surge Protector

Co-axial EMP Surge Protector – CMF928



Operating Voltage Surge Current Operating Frequency 100W, 200W, 400W 20kA,
8/20µs DC / 2.5GHz

Tested as per MIL-STD-188-125-1/2



Military Grade Filters / Data Line EMP Surge Protectors / Serial Port

RS422/485 EMP Surge Protector – CMF939



Operating Voltage	Current Rating
± 3VDC peak signal voltage	100mA
Data Rate	
12Mbps	

Tested as per MIL-STD-188-125-1/2

Military Grade Filters / Data Line EMP Surge Protectors / Ethernet

RJ45 EMP Surge Protector – CMF93A



Operating Voltage	Current Rating	Data Rate
± 3VDC peak signal voltage.	250mA	10/100/1000Mbps
±55VDC peak signal voltage (With POE)		

Tested as per MIL-STD-188-125-1/2

Military Grade Filters / Control Line Filters

Control Line EMP Surge Protector – CMF94B





Operating Voltage
± 32VDC/48VDC

Current Rating
Up to 6A

Performance Indicator		
Standard	High	Very High

Tested as per MIL-STD-188-125-1/2



AC Control Line Filter – CMF94C

Operating Voltage
250VAC

Current Rating
Up to 10A

Number of Lines
Up to 32 Lines

Performance Indicator		
Standard	High	Very High

Tested as per MIL-STD-461G



Military Grade Filters / Control Line Filters



DC Control Line Filter – CMF94D

Operating Voltage	Current Rating	Number of Lines
100VDC	Up to 10A	Up to 32 Lines

Performance Indicator

Standard	High	Very High

Tested as per MIL-STD-461G



AC Control Line HEMP Filter – CMF94E

Operating Voltage	Current Rating	Number of Lines
250VAC	Up to 6A	Up to 32 Lines

Performance Indicator

Standard	High	Very High

Tested as per MIL-STD-188-125-1/2



DC Control Line HEMP Filter – CMF94F

Operating Voltage	Current Rating	Number of Lines
48VDC	Up to 6A	Up to 32 Lines

Performance Indicator

Standard	High	Very High

Tested as per MIL-STD-188-125-1/2

Military Grade Filters / Secondary Protector



Lightning Connector – CMF950

Available with Various Terminations (BNC-BNC, TNC-TNC, BNC-TNC, N-BNC, N-TNC)

Surge Current
20kA, 8/20μs



Military Grade Filters / Tempest Filters

Single Phase Tempest Filter – MF710



Operating Voltage	Current Rating	Operating Frequency
250VAC	1A to 32A	50/60Hz

Performance Indicator

Standard	High	Very High



Three Phase Tempest Filter – TMF960



Operating Voltage	Current Rating	Operating Frequency
440VAC	3A to 100A	50/60Hz

Performance Indicator

Standard	High	Very High

DC Tempest Filter – DMF960



Operating Voltage	Current Rating
48VDC	3A to 50A

Performance Indicator

Standard	High	Very High

Military Grade Filters / MRI Filter

MRI Filter MF420-2CF-M



Operating Voltage	Current Rating	Operating Frequency
250VAC	1A to 32A	50/60Hz

Performance Indicator

Standard	High	Very High



Military Grade Filters / High Performance MIL-Grade Filter for CE

High Performance MIL-Grade Filter for CE – TMF970



Operating Voltage 440VAC/520VAC	Current Rating 6A to 150A	Operating Frequency 50/60Hz
Performance Indicator		
Standard	High	Very High

Military Grade Filters / Low Leakage Facility Filters / Single Phase & Three Phase

SMF911L



Operating Voltage 277VAC/380VDC	Current Rating 16A to 400A	Operating Frequency 0 to 60Hz
Performance Indicator		
Standard	High	Very High

TMF911L



Operating Voltage 480VAC/675VDC	Current Rating 32A to 800A	Operating Frequency 0 to 60Hz
Performance Indicator		
Standard	High	Very High

SMF911UL



Operating Voltage 250VAC	Current Rating 10A to 100A	Operating Frequency 50/60Hz
Performance Indicator		
Standard	High	Very High

TMF911UL



Operating Voltage 440VAC	Current Rating 10A to 250A	Operating Frequency 50/60Hz
Performance Indicator		
Standard	High	Very High







EUROPE

EMI Solutions Srl
Via Maurizio Gonzaga 7
20123 Milano (MI)
Italy

sales-eu@eu.emisglobal.com
Phone: +39 335 120 44 32

INDIA

EMI Solutions Pvt Ltd
#237-A5, Bommasandra Industrial Area
Hosur Road, Bangalore 560 099
Karnataka, India

sales-in@emisglobal.com

www.emisglobal.com