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EMI / RFI MILITARY FILTERS

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EMI SOLUTIONS PVT. LTD.

E-mail : marketing@emisindia.com

Website : www.emisindia.com



70044209



HIGH ALTITUDE ELECTRO MAGNETIC PULSE (HEMP)

EMI Solutions Pvt. Ltd., has launched a new range of filters for HEMP suppression. **High Altitude Electro Magnetic Pulse** is generated during the atomic explosion or intentionally during the modern electronic warfare . These pulses are also generated during the solar bursts. These are high energy, long duration electronic / magnetic pulses which last up to few milliseconds, which if not controlled can damage the delicate advanced electronic and telecommunication equipments. This has become a part of the new type of electronic warfare, which avoids human destruction.

The HEMP Filters provides very good attenuation of such long duration pulses and protect the end equipments from damage. These filters also provide attenuation for the continuous electromagnetic noise produced during HEMP and protect the instruments from malfunctioning. HEMP filters with 80dB to 100dB attenuation in the frequency range of 14 Khz to 40 Ghz are available. These filters are manufactured as per MIL 188-125-1 and 2. These filters have been tested for MIL 188-125-1 at a reputed laboratory.

EMIS is manufacturing these HEMP Filters in the current range 1500A. EMIS also provide the HEMP Filters in different configurations such as **single line, dual line, three lines and four lines** depending upon the applications of the customers.

These Filters are used in defence, Telecommunications and critical data centers for protection of equipments against **High Altitude Electro Magnetic Pulses**.

Specialized filters for MRI, EMC filter, Telephone line, Control and Data line are also manufactured by EMIS.



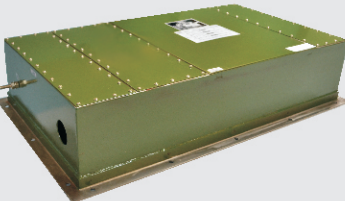



The regular manufacturing range of EMIS covers a very large range of EMI Filters for various applications starting from 0.5A to 2500A. EMIS provides filters for all the applications like Home Appliances, Medical Equipments, Industrial and Automation, Telecommunication equipments and Power Elect

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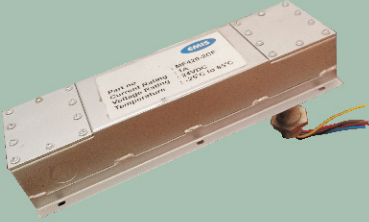


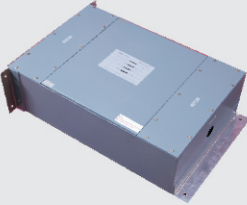
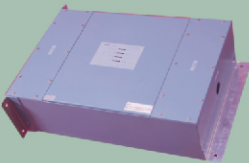


EMI / HEMP Military filters



Type	Voltage AC/DC	Current Range (Amps)	Description	Application	Approvals
TVSS 	250V/440V		Transient Voltage Surge suppressor 20KA/40KA/80KA	Defence, Telecommunication & Shielded Rooms	Tested for Peak surge current at CPRI
MF 420-2CF-EMP 	Single Phase 250VAC	Up to 180 Amps	High performance complied EMI+EMP filter for power	For Shielded Chambers/ MRI Rooms	Meets MIL Req.
MF 423-3-2D-CF-EMP 	Three Phase 440V	Up to 180 Amps	High performance complied EMI + EMP Filters for power	For shielded Chambers / MRI rooms	Meets MIL Req.
HEMP Filter 	Three Phase 440V	Up to 1500 Amps	High Performance EMP filters	Shielded chambers/ MRI rooms, Defence equipments, Telecommunications	Meets MIL Req.
Signal Line Filter 	2 - 36 lines	48 V DC	RFI filtering	RFI Filtering of Telephone, Data/Control lines	Meets MIL Req.
HEMP Filter 	Single Line 250VAC	Up to 2500 Amps	High performance HEMP Filters	Shielded chambers/ MRI Rooms, Defence equipments and Telecommunication	Tested as per MIL 188-125-1

EMI / HEMP Military filters

Type	Voltage AC/DC	Current Range (Amps)	Description	Application	Approvals
MRI FILTERS 	Single Phase 250V	Up to 100 Amps	High Performance compact Filter (Single Phase/ Three Phase) Frequency up to 18 GHz	For Shielded chambers/ MRI Rooms	Meets MIL Req.
SINGLE LINE EMI FILTER 	Single Phase 250V	Up to 2500 Amps	High performance Filters (Single & Dual) Freq. up to 18/40 GHz	For shielded Chambers / MRI rooms	Approved CSA/C-US
TWO LINES EMI FILTER 	Single Phase 250V	Up to 2500	High performance Filters (Single & Dual) Freq. up to 18/40 GHz	For shielded Chambers / MRI rooms	Meets MIL Req.
THREE LINES EMI FILTER 	Three Phase 440V	Up to 2500	High performance Filter for Three phase Applications Freq. up to 18/40 GHz	For shielded Chambers / MRI rooms	Meets MIL Req.
FOUR LINES EMI FILTER 	Three Phase 440V	Up to 2500	High performance Filter for Three phase Applications Freq. up to 18/40 GHz	For shielded Chambers / MRI rooms	Meets MIL Req.

For more details please contact :

EMI SOLUTIONS PVT. LTD.

237 A-5, Bommasandra Industrial Area,
Hosur Road,
Bangalore 560 099, India
Ph : 0091-80-27836837 / 838 / 839
Fax: 0091-80-27836880

E-mail : marketing@emisindia.com
website: www.emisindia.com

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