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MISSION CRITICAL FACILITIES EMI FILTER SOLUTIONS FOR SHIELDED ROOMS & SECURE FACILITIES

*Standard and customizable EMI filters for
demanding applications worldwide*

RELEASED DATE: JUNE 2022



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WHO WE ARE...

Astrodyne TDI manufactures dependable Power and EMI Filter solutions that enhance, protect, and save lives. As a global leader in demanding power conversion applications, where reliability is critical, we are known for delivering high-performance technology to our partners. With over 60 years in the power industry and 600 employees worldwide, we guarantee unmatched U.S. ENGINEERING SUPPORT to a variety of markets.

MAXIMUM SECURITY & INTEGRITY

EMI filters are required to ensure the integrity of clean environments by blocking high-frequency noise from affecting power or signal lines, better known as EMI. In facilities where security and integrity of data are vital, Astrodyne TDI EMI filters can protect the power lines against high-frequency noise from the exterior environment, as well as prevent the mission-critical data/signals from exiting the clean room. With a team of EMC experts, Astrodyne TDI can ensure data security, a clean test environment, and shield integrity by providing a reliable and effective EMI filter solutions for your secure facility.

Our team of engineers specializes in:

- ▶ Power and signal line filter solutions
- ▶ Up to 2500A, 277/480VAC - 345/600VAC
- ▶ Insertion loss: 14KHz-10GHz and 150KHz-10GHz
- ▶ Compact profile and cost-effective EMI filters
- ▶ Extremely reliable designs
- ▶ Single, dual, and multi-line filters, with box or cabinet style construction
- ▶ AC, DC, and three-phase (WYE and Delta) filtering capabilities
- ▶ Full production capabilities in the USA



EMI FILTER & POWER SOLUTIONS

EMI, EMC and RF Filter Solutions

A broad range of EMI Filter options is available in single-phase, 3-phase, and DC configurations for any application including military, infrastructure, industrial, commercial and medical. Select from a broad list of standard products or request a mod-standard or fully custom solution. A broad range of EMI Filter options is available in single-phase, 3-phase, and DC configurations for any application including military, infrastructure, industrial, commercial and medical.

AC-DC & DC-DC UPS and Bulk Power Supplies

Standard AC/DC rectifier modules range from **1kW** to **16.5kW** with custom options available upon request. Programmable solutions provide a fully adjustable, wide-range DC output **0 - 1500V**.

AC/DC & DC/DC Adapter and Embedded Power Supplies

Standard adapters and embedded power supplies are available from **5W** to **1kW**, with customizations available upon request.

SECURE YOUR ENVIRONMENT & BLOCK UNWANTED EMI SIGNALS

SHIELDED ROOM EMI FILTER SOLUTIONS

Power Line Filter Solution

057-1 & 057-2 Series



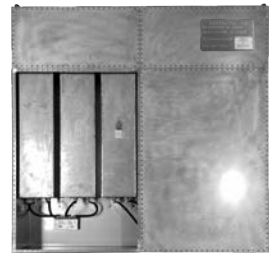
The **057 Series** offers current ratings from **10A - 250A**. This product line includes fully shielded, sealed and robust single, dual, three and four line models for secure facilities. It also meets MIL-STD 220 and CISPR17, and selected models include UL agency approval. Insertion loss 100dB from 14KHz to 10GHz.

059 Series



The **059 Series** offers current ratings up to **50 A @ 60°C**, with 100dB attenuation from **5 MHz to 10 GHz**. This product line features a compact design and sealed construction with a removable shielded cover for input connections through knockouts. This solution meets IP Class IP65.

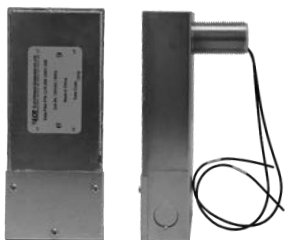
F Series



The **F Series** offers **high attenuation (100dB) at 14KHz to 10GHz** measured in accordance with MILSTD-220. The F Series features multiple design configurations including multi-line cabinet-style filter solutions and compact box-style single and dual-line filters. This solution Designed to meet MIL-PRF-15733, MIL-STD-810 and UL 1283.

Signal Line Filter Solution

058 Series



The **058 Series** offers current ratings from **0.5 - 5 A @ 50°C**. This unit features a sealed construction with a removable shielded cover for input connections through knock-outs. It is designed for signal lines including telephone, data, control, and alarm lines, and meets Tempest performance.

F15000 Series



The **F15000 Series** is a data, communications, alarm, and control line filter enclosure with a modified NEMA, cold-rolled, welded steel construction. It includes a fully environmental gasket for EMI shielding effectiveness to NSA, MIL-STD-285, S.C.I.F., and Tempest.

POWER. EVERYTHING DEPENDS ON IT.

When the need for power conversion is at its most demanding...its most critical... for over 60 years, the solution has been Astrodyne TDI. Today, our unmatched experience across multiple industries enables us to deliver a wide range of power-based technology solutions for some of the most well-known companies in the world. From off-the-shelf standard power supplies and EMI filters to complete customized power distribution systems, the solution is always as close as Astrodyne TDI.

Developing Power Technologies & Products that People Depend Upon, to Enhance, Protect, and Save Lives.



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Now you have power.