

PRODUCT LINE CARD

Panel Mount EMI Filters

Spectrum Control is the leader for application EMI protection solutions. Offering the industry's most extensive line of EMI filters for high reliability, demanding, crucial environmental applications. Commercial aviation and avionics, high-reliability power supplies, as well as all airborne, ship, or ground-based military applications.

Panel mount EMI filter designs are built in accordance with MIL-PRF-28861, MIL-PRF-15733, and DSCC 84084 standards and custom-designed EMI filters are available.

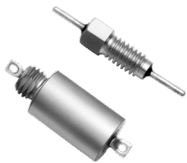
Dual Line EMI Filters



Single hermetically sealed package enables attenuation of common and differential mode voltages from both lines on inputs and outputs of AC or DC systems

- Employing a common mode choke, line to ground and line to line capacitance
- Space saving 0.690" diameter and weight reduction and high performance, compact design
- Voltage ratings from 50 V to 200 VDC/130 VAC, 400 Hz
- EMI filtering of common mode noise from 30 KHz to 1 GHz, differential mode noise filtering from 30 KHz to 10 MHz
- Designed to meet MIL-PRF-15733

Space Grade EMI Filters



Established B Plus requirements with additional screening beyond MIL-PRF-28881 class B for custom and catalog resin and hermetically sealed EMI filters

- Impervious to high moisture environments, solvents and severe environmental conditions (hermetic versions)
- Additional thermal shock cycles and voltage conditioning, fine leak on hermetic filters, destructive physical analyses
- Proven experience in space programs, including deep space and scientific missions and satellite communications

Hermetically (Glass) Sealed EMI Filters



Impervious to high moisture environments, solvents, and severe environmental conditions

- Popular .375", .410" and .690" case diameters
- Voltage ratings from 50 VDC to 400 VDC/240 VAC, 400 Hz
- EMI filter circuit configurations available: C, L, Pi, T, and double T
- MIL-PRF-15733, DSCC 84084, and MIL-PRF-28861 QPL available



Resin Sealed EMI Filters

Easily mounted in a tapped or through-hole with a supplied nut and lock washer

- Widest variety of lead configurations and custom packages
- Largest range of MIL-PRF-15733 QPL EMI filters available
- Various thread sizes: 4-40 up to 5/16-32
- Voltage ratings to 500 VDC/220 VAC (400 Hz)
- EMI filter circuit configurations: C, L, and Pi



High Current/High Voltage EMI Filters

A rugged bolt-in style EMI filter

- Continuous voltage ratings up to 1250 VDC/240 VAC (400Hz) to 100A
- EMI filter circuit configurations available: C and Pi
- U.L. 1459 recognized and CSA C22.2 approved versions available

Panel Mount EMI Filters – Tough, Reliable, Flexible to Meet any Environment and Filtering Requirements!

Spectrum Control's customers benefit from unparalleled engineering and industry expertise. We provide complete standard and custom solutions in a timely manner. Our in-house machining, state-of-the-art engineering, and technology integration provide for rapid turn-around from prototype to production.