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## Spectrum Advanced Specialty Products

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### Spectrum Control Press Releases

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EMI Filtered Audio Connectors Now Offer ESD Protection

>> [Learn More about our EMI Filtered Audio Connectors](#)

Fairview, PA – December 1, 2008 – Spectrum Control, Inc. has added a new design to its standard MIL-DTL-55116 capacitive filtered audio connectors. The new design offers ESD (electrostatic discharge) protection up to 8kV direct discharge and 15kV air discharge. Custom designs addressing other discharge requirements are available. These EMI filtered/ESD protected connectors are ideal for aviation, communication and security applications where an electronic system using the audio connector might be exposed to ESD environments.



Spectrum's EMI filtered audio connectors have a capacitance value range of 10pF – 1µF and are available in C & Pi circuit configurations. These connectors are waterproof and polarized, are offered in plugs and receptacles and can be designed for special/selectively loaded EMI filtering. Spectrum's custom filtered audio connectors meet all the requirements of MIL-STD-810F including sand and dust, salt, fog, high altitude operation, fungus resistance and immersion to 20 meters.

Spectrum Control's EMI filtered/ESD protected audio connectors have pricing ranging from \$20 to \$150 depending on configuration and quantities required.

### About Spectrum Control

Spectrum Control, an ISO 9001:2000 and TS 16949 certified company, designs, manufactures and markets a broad line of EMI/RFI filters and power components, power management systems, microwave components, sensors and controls.

The Spectrum Control Signal & Power Integrity Group produces discrete surface mount EMI filters, resin sealed and hermetically sealed EMI filters, EMI filtered arrays, EMI filtered connectors, ESD/EFT protected connectors, filtered data-com connectors, gaskets and shielding, patch antenna elements, single line filters, filtered terminal blocks, power entry modules, power line filters, military/aerospace multi-section filters, and commercial custom assemblies.

Spectrum Power Management Systems produces AC and DC power distribution and remote management systems. Products include off-the-shelf SMART start products as well as customized products or systems designed to suit specific user requirements. DC power circuit breaker and fuse interface panels, power outlet strips and data acquisition modules are also offered.

Spectrum Microwave is a wholly owned subsidiary of Spectrum Control, Inc. and produces a wide range of microwave components and systems. Integrated Microwave Systems include switchable filter banks, low noise amplifiers, local oscillator multipliers, microwave synthesizers, digitally tuned oscillators and integrated assemblies. Microwave Filters include bandpass filters and duplexers, lumped element filters, cavity filters, waveguide filters, tubular filters, base station products and resonators. Frequency Control Components include a wide range of amplifiers, mixers, voltage-controlled oscillators (VCOs) and dielectric resonator oscillators (DROs).

Spectrum Sensors & Controls Precision Positioning Sensors Operation manufactures a variety of precision co-molded conductive plastic potentiometers and position sensors, as well as element segments and cable assemblies. Designs for these potentiometers and position sensors include rotary, motorized, hollow shaft, linear and fader types, as well as custom assemblies. The company's Advanced Thermal Products Operation produces temperature sensing probes and assemblies, PTC and NTC thermistors and resistive temperature detectors (RTDs).

For further product information, contact Kathy Lopes, Product Marketing Manager, EMI Filters and Components, Spectrum Control, Inc., 8061 Avonia Road, Fairview, PA 16415. Phone: 814-474-0326. Fax: 814-474-3110 E-mail: [lopes@spectrumcontrol.com](mailto:lopes@spectrumcontrol.com) Website: [www.SpecEMC.com](http://www.SpecEMC.com)

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