



ITG Electronics, Inc.

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ITG Electronics Obtains UL Certification for Two MRI Room Dataline EMI Filters

*Company's newly UL-listed 1.5A CAT5 and CAT6a EMI filters
are available in single- and dual-channel version*

Elmsford, NY - ITG Electronics, a leading manufacturer of inductors, transformers and EMI Filter since 1963, has obtained Underwriters Laboratories (UL) certifications for two of its premium MRI Room Power Line EMI Filters. UL listed F2782Y Series 1.5A CAT5 and CAT6a EMI Filters are available in single- or double-line applications.

Both the CAT5 and CAT6a EMI filters provide clean signals for data transmission into shielded or MRI rooms through Keystone and RJ45 connectors for direct, standardized connection to switches, routers, computers or other devices. The filters are compatible with IEEE Types 1, 2 3 & 4 Power over Ethernet (PoE) up to 100W PSE, and offer 100dB Minimum high noise attenuation from 30 MHz to 10GHz.

ITG Electronics' 1.5A CAT5 and CAT6a EMI filters have a voltage rating of 60VDC, and are high potential (HiPot) tested to sustain 200VDC for two seconds. They can reliably perform at ambient temperatures from 25°C to 85°C. The filters' components are encapsulated in a plated metal enclosure for premium protection and consistent functionality.

ITG Electronics is a leader in EMI Filter solutions for shielded MRI room constructions. Its previous innovations include CAT5, low-voltage dataline and other UL listed power line EMI filters. The company also provides EMI filters for a variety of other applications, including digital fire alarms and special LED lighting setups used in MRI and other shielded rooms. Many of these versions are available and in stock at ITG Electronics' Elmsford, NY facility.



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Features

- Network filter provide clean signal and data into Shielded rooms or MRI rooms through Keystone and RJ45 Connector
- Filter compatible with IEEE Type 1/Type 2/Type 3/Type 4 PoE application up to 100W PSE
The filter provide: 100dB Min attenuation from 30MHz to 10GHz
 - Voltage Rating: 60VDC
 - Hi-Pot: Line to Ground: 200VDC for 2 sec
 - Ambient Temperature Range: -25°C To +85°C
- Filter components are encapsulated in a plated metal enclosure
 - UL listed

Part Numbers for F2782Y EMI Filter Series on Digi-Key

- 3013-F2782Y001L-051-ND
- 3013-F2782Y001L-052-ND
- 3013-F2782Y001L-061-ND
- 3013-F2782Y001L-062-ND

Link to F2782Y EMI Filter Series on Digikey

- 3013-F2782Y001L-051-ND [F2782Y001L-051 ITG Electronics, Inc. | Filters | DigiKey Marketplace](#)
- 3013-F2782Y001L-052-ND [F2782Y001L-052 ITG Electronics, Inc. | Filters | DigiKey Marketplace](#)
- 3013-F2782Y001L-061-ND [F2782Y001L-061 ITG Electronics, Inc. | Filters | DigiKey Marketplace](#)
- 3013-F2782Y001L-062-ND [F2782Y001L-062 ITG Electronics, Inc. | Filters | DigiKey Marketplace](#)