

# INTRODUCING

# CORCOM EJT POWER INLET FILTER

- Realize improved shielding EMI filter performance up to 1 GHz
- Obtain higher insertion loss throughout the entire frequency range



TE Connectivity (TE) introduces the Corcom EJT power inlet filter, a device which improves the performance of Corcom EJT Series IEC inlet filters for high frequency applications. This new filter extends the flange around the IEC320-C14 inlet, helping to reduce the amount of radiated radio frequency (RF) through potential gaps. TE's EJT series provides improved EMI filter performance up to 1 GHz, where typical EMI filters are designed to perform up to 30 MHz. The improved performance of the EJT series comes from a unique circuit design and an internal construction technique to attenuate frequencies above 30 MHz.

## BENEFITS

- Realize improved shielding EMI filter performance up to 1 GHz
- Help obtain higher insertion loss throughout the entire frequency range with an extended flange design
- Design and build products for global usage with an inlet filter that complies to IEC 320

## APPLICATIONS

- Test equipment
- Medical diagnostics
- Communication equipment

## ELECTRICAL

- Available in 1A, 3A, 6A, 10A, 15A and 20A current ratings (20A with standard flange)
- Rated to 250 VAC
- Hipot rating (one minute):
  - Line to Ground: 2250 VDC
  - Line to Line: 1450 VDC

## MATERIALS

- IEC sockets: glass-filled PBT with plated brass terminals
- Jackets (enclosures): nickel-plated, low-carbon steel
- Terminations: plated-brass terminals and PVC-insulated wire

## TARGET MARKETS

- Data Communications
- Medical
- Test and Measurement

## MECHANICAL

- Flange mounted for easy installation
- Available with wire leads or 6.3mm (.250ft) spade terminals

## STANDARDS & SPECIFICATIONS

- IEC60320-1 power inlet
- UL Recognized
- CSA Certified
- VDE Approved

## LEARN MORE

[Enhanced Performance Corcom EJT Power Inlet Filter Data Sheet](#)

[IEC Filtered Inlets Landing Page](#)

[Corcom Product Guide EJT Series](#)

[Corcom Product Guide](#)

[Corcom EMI/RFI Filter Product Overview](#)

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