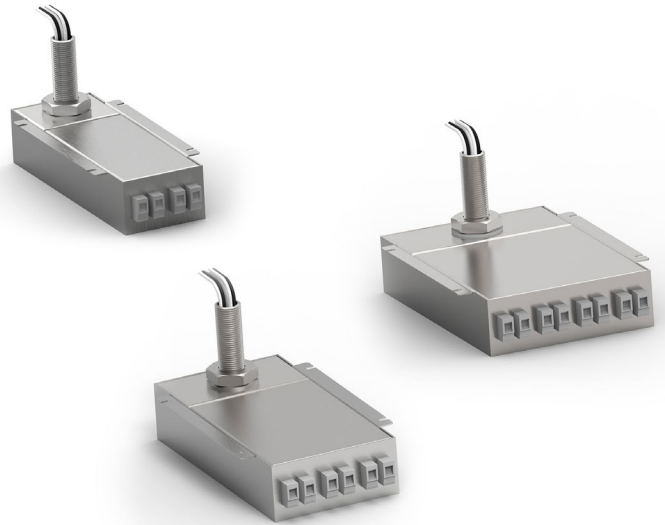


# INTRODUCING CORCOM MRI LED LIGHTING FILTER

- Available options are scalable and price sensitive
- Offers both differential and common mode noise filtering



TE Connectivity's (TE) Corcom MRI LED lighting filters target MRI Rooms that are using Class II LED drivers to power the LED lights in an MRI room. MRI LED lighting filters will be located outside the shielded MRI room and will clean up conducted Electromagnetic interference (EMI) noise between 10KHz and 1GHz with a powerful 3 stage attenuation circuit that will bring insertion loss to 100dB. The electrical power within the MRI room needs to be supplied by clean power, allowing OEM light fixture manufacturers to comply with the low noise levels required by MRI equipment manufacturers.

MRI LED lighting filters are also available to installers for drop-in replacements and come in 2, 3, and 4 channel versions providing the scalability needed in developing fixtures for their customers. This also allows contractors the flexibility to choose the correct number of circuits to accommodate a specific installation.

## KEY BENEFITS

- Available options are scalable and price sensitive
- Offers both differential and common mode noise filtering
- Compatible with 40V, 3A drivers
- Attenuates EMI in a wide frequency range
- Filter is protected against radiated noise
- Excellent choice for high noise drivers

## APPLICATIONS

- MRI rooms

## LEARN MORE

[Corcom MRI LED Lighting Filters](#)

[Corcom MRI LED Lighting Filter Product Flyer](#)

[Corcom MRI LED Lighting Filter Parts List](#)

[Corcom Selector Chart](#)

## ELECTRICAL

- Class II output 100W
- 3A / up to 40VDC

## MATERIALS

- Steel enclosure
- Steel threaded pipe
- Easy connect terminal blocks

## SPECIFICATIONS

- Insertion Loss (typical):  
-100dB between 10Khz - 1Ghz
- Operating temperature rating:  
-10°C to +60°C