

EMI FILTER SOLUTIONS

A GUIDE TO MEDICAL APPLICATIONS



PATIENT CARE

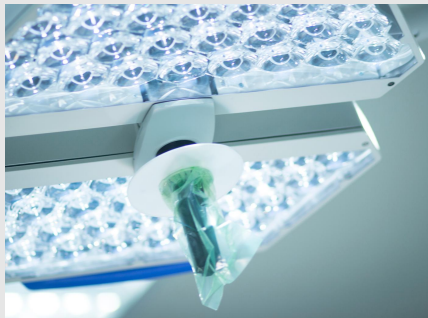
MONITORING, DIAGNOSTIC SYSTEMS & SURGICAL EQUIPMENT

- ✓ Varying insertion loss filters to help comply with EMI requirements
- ✓ Helps mitigation of EMI between adjacent equipment
- ✓ Power Entry Modules with Fuse & Switch
- ✓ Help emission compliance to IEC 60601-1-1 requirements (EN55011 for Conducted Emissions)
- ✓ Selectable Line-Ground capacitors (5uA MIN. - 1.6mA MAX.) for low leakage applications

⚡ SINGLE PHASE	1-20A / 120-300VAC
⚡ IEC INLET	1-20A / 120-250VAC
⚡ POWER ENTRY MODULES	1-10A / 120-250VAC

EMI FILTER SOLUTIONS

➤ LCR080M	➤ LCR085M	➤ RP100
➤ LCR081M	➤ RP180	➤ RP105
➤ LCR082M	➤ RP185	➤ RP110
➤ LCR083M	➤ RP187	➤ RP210
➤ LCR084M	➤ RP188	➤ RP225



MEDICAL FACILITY

HOSPITAL LIGHTING

- ✓ High performance filters
 - ✓ 277/300 VAC Rated
 - ✓ Compact, Single, and Dual Stage Filters
 - ✓ Help emission compliance to MIL-STD-461 & CE102
 - ✓ Selectable Line-Ground capacitors (0- 4.7 nF or higher)
- | | |
|----------------|--------------------|
| ⚡ SINGLE PHASE | 1-20A / 120-300VAC |
|----------------|--------------------|

EMI FILTER SOLUTIONS

- RP100
- RP105
- RP110
- RP210
- RP225

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MEDICAL IMAGING

MRI, CT SCAN, ULTRASOUND, X-RAY MACHINE, THERAPY DELIVERY EQUIPMENT & POWER DISTRIBUTION UNITS

- ✓ Medium to high insertion loss filters to help comply with EMI requirements
- ✓ Single, Dual, and Multi-Stage Filters
- ✓ Gradient Amplifier Filters
- ✓ Help emission compliance to IEC 60601-1-1 requirements (EN55011 for Conducted Emissions)
- ✓ Selectable Line-Ground capacitors (0 - 4.7 nF or higher) to meet leakage current limits

⚡ SINGLE PHASE	3-200A / 300VAC
⚡ 3 PHASE DELTA	3-600A / 600VAC
⚡ 3 PHASE WYE	3-600A / 600VAC

EMI FILTER SOLUTIONS

➡ RP100	➡ RP135	➡ RP305	➡ RP360
➡ RP105	➡ RP210	➡ RP327	➡ RP400
➡ RP110	➡ RP225	➡ RP328	➡ RP420
➡ RP130	➡ RP300	➡ RP330	➡ RP425

MRI ROOMS

MRI ROOM POWER & SIGNALS

- ✓ High performance filters to help comply with MRI room EMI requirements
- ✓ Power Line 100dB at 5MHz to 10GHz
- ✓ Data line varies by data speed
- ✓ Control/Alarm Line: 100dB @ 14KHz to 10GHz

⚡ POWER LINE	UP TO 50A / 120-277VAC
⚡ SIGNAL LINE	0.5-5A / 600VDC-300VAC

EMI FILTER SOLUTIONS

- ➡ LCR059
- ➡ LCR057/02
- ➡ LCR058