

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