

## What to Look For?:

- Existing Requirements – High Current EMI Filters
- Any high current DC or AC cable in a system that could have EMI Requirements

## Why NexTek?:

- ✓ Very Wide Temperature Range (At Full Current)
- ✓ Most Compact Filters Available, Especially For DC
- ✓ Shock And Vibration Resistant
- ✓ High Frequency Filtering, To 1GHz And Beyond
- ✓ High Torque Capable Electrodes (Physically Robust)
- ✓ Constant Filtering, Even As Current Changes
- ✓ Designed and Assembled in the USA

## Markets and Applications:

- Medical and Industrial Lasers
- Intelligent Power Supplies or Controllers
- Telecom or Wireless Power Supply Filtering
- Medical Imaging Devices
- Mobile (Land, Sea, Aerospace) Power Filtering
- Emissions and Susceptibility Compliance



## Selection Questions

Questions to determine appropriate Filter and P/N

### Current Level in Amps?

- HPRs available from <50Amps to 400Amps+ Rated

### Voltage Level and Type of Power (i.e. DC or AC)?

- DC Voltages up to 1000Vdc and 120Vac use any model, for Higher Voltages use Metric HPR family (HPR055, 140, and 400)

### Desired Cut-Off Frequency (Fco), Filtering Performance, OR Capacitor Value?

- Fco Determined by Capacitance Value

### Capacitance Value Tolerance?

- Default is "Z" code, for +80/-20%, others available

### Extreme Reliability Required? (E-Series)

- For Applications where MAXIMUM RELIABILITY is Required!

## CONTACT INFORMATION

[sales@nextek.com](mailto:sales@nextek.com)  
[nextek.com](http://nextek.com)  
[978-486-0582](tel:978-486-0582)

Customer Service - Sharon Brown (x12)  
Applications Eng. - Mike Kauffman (x13)  
Sales - Ed Cope (x11) Sales

[sbrown@nextek.com](mailto:sbrown@nextek.com)  
[mkauffman@nextek.com](mailto:mkauffman@nextek.com)  
[ecope@nextek.com](mailto:ecope@nextek.com)