



EMI-Protected Ring Terminal Temperature Sensor

Newly developed by Amphenol Thermometrics, Inc., the JRI Range of EMI-Protected Ring Terminal Sensors consists of an NTC chip thermistor mounted in an eyelet tag for surface temperature measurement with a novel RF de-coupling function. These sensors are designed with an integrated bypass capacitor to prevent AC currents, generated from resonant EMI coupled with the wiring harness, from causing nuisance self-heating of the NTC element.

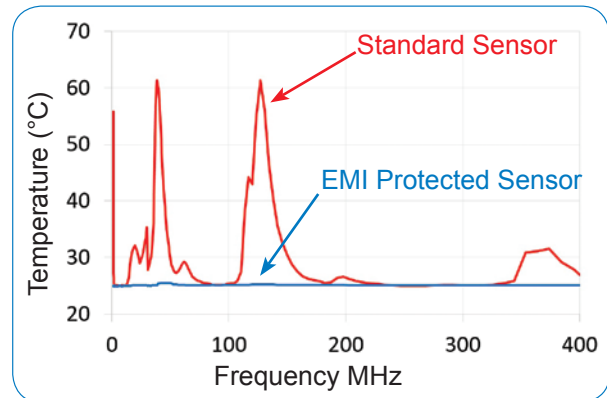
Features

- Suitable for surface temperature measurement
- Integrated EMI noise immunity
- EMI-protected upgrade for existing applications
- Reduced system cost by eliminating shielded cables and replacing twisted-pair wiring
- Eyelets to fit M3-M10 screw sizes
- Various lead lengths



Applications

- EV/HEV bus bars
- Battery covers
- Power distribution
- Thermal management
- Heat sinks
- Panel enclosures



Ordering Information:

Part No.	Capacitance	R25 and Tolerance
JRI-10NF-103R1	10nF	10KΩ ± 1%
JRI-100NF-103R2	100nF	10KΩ ± 2%

Amphenol
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