APPLICATION

Product developers looking to quickly characterize and test wireless power transmitter and receiver foreign object detection (FOD) performance. WPC specified foreign objects with attached thermocouples are used to monitor temperature rise at the interface surface per WPC requirements. These objects are useful for design debugging, characterization/tuning, and Qi pre-compliance testing.

FEATURES

- Centered Aluminum Disc foreign object specified by WPC V1.2
- Mounted in PEEK high temp plastic frame
- Includes K-type thermocouples and connectors
- Adjustable alignment fixture with 5mm graduations included for aligning TPR#5 coil holder and AVID's Low and Medium Power FOD Receiver coil holder

TEST MODES

- Can be used to run WPC thermal compliance tests for FOD
- Can be used to help characterize and adjust FOD detection algorithms and thresholds for V1.2 and newer transmitters

The Qi Foreign Objects are WPC defined metal objects that can be placed between Qi wireless transmitters and receivers and used to evaluate the FOD operation and performance.

For a quotation or for technical inquiries please contact:
wirelesspower@avid-tech.com

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Specifications
Subject to Change

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