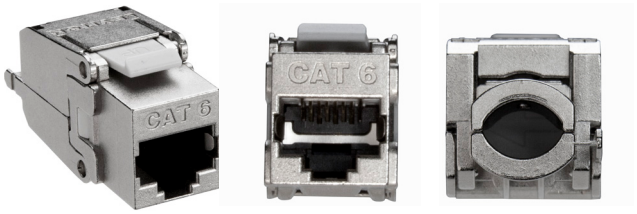
Shielded CAT 6 High-Density QuickPort® Connector

APPLICATION

CAT 6 shielded products are designed to support all 1000BASE-T networks. CAT 6 shielded connectors meet TIA-568-C.2 (CAT 6) and ISO/IEC 11801 (Class E) requirements for all parameters up to 250 MHz. The shielded connector protects critical data from potential EMI/RFI (electromagnetic interference/radio frequency interference). The connector is part of a complete CAT 6 shielded system ideal for government, healthcare, manufacturing, transportation, gaming, and other environments where EMI/RFI and/or security may be a concern.



SPECIFICATION

CAT 6 shielded connector shall be TAA compliant, and provide electrical TIA-568-C.2 (CAT 6) and ISO/IEC 11801 (Class E) performance for all parameters up to 250 MHz. Up to six connectors shall be able to fit in a single-gang faceplate for high-density applications. The connector shall be encased in a die-cast housing with a wide-angle, hinged design that allows easy access for termination. The connector shall allow termination without a 110 punch-down tool. The connector shall include T568A and T568B universal color codes.

FEATURES

- Shielding provides EMI/RFI protection and signal isolation
- Connector features robust die-cast housing
- Unique, tool-free design requires no punch-down tool
- Connector incorporates a wide-angle, hinged design for easy access and termination
- Supports CAT 6 component, permanent link, and channel performance

DESIGN CONSIDERATIONS

- Can be used to terminate all types of shielded cable
- Use flush-cut trimmers to remove exposed conductors prior to termination
- Fits most Quickport applications in patch panels, faceplates, and surface mount boxes

STANDARDS COMPLIANCE

Connector is part of a complete CAT 6 shielded solution that meets the following standards:

- TIA-568-C.0
- TIA-568-C.1
- TIA-568-C.2 CAT 6 component/channel
- ISO 11801 CAT 6 component/Class E channel
- IEEE 802.3af Power over Ethernet (PoE)
- IEEE 802.3at Power over Ethernet Plus (PoE+)
- TIA-1096-A (formerly FCC Part 68)
- EN 50173
- TAA compliant

PHYSICAL SPECIFICATIONS

Dimensions: See page two

WARRANTY INFORMATION

For a copy of Leviton product warranties, visit www.leviton.com/warranty.

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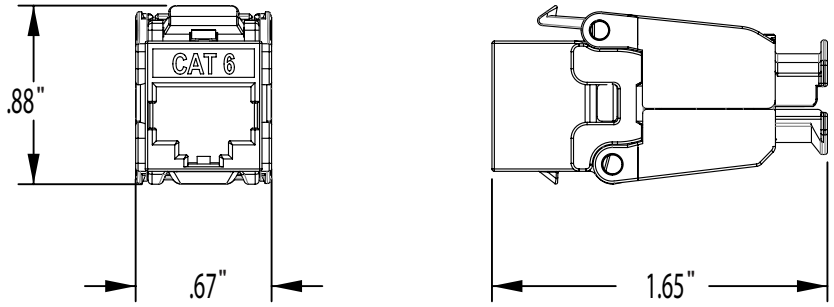
ELECTRONIC FILES

For CAD files, typical specs, or technical drawings (.DXF, .DWG), visit www.leviton.com.



PART NUMBERS

Description	Part No.
Shielded CAT 6 QuickPort® Connector	6S180-SH6

F13 4546

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