Belden

Product: REVConnect 10GX STP FlexPlug

REVConnect Shielded FlexPlug, CAT6A, 4 Pair, 23 AWG Solid, CMP, T568A/B-T568A/B

Product Description

REVConnect 10GX Shielded FlexPlug, CAT6A, Single Packaging (incl. 1 core), 4 Pair, 23 AWG Solid, Elec. White, CMP, T568A/B-T568A/B

Technical Specifications

Product Overview

Suitable Applications:	10GX System, TIA Category 6A, ISO Class EA, 10G Base-T,Wi-Fi 6, Wi-Fi 5, Surveillance, HDBaseT, PoE++, PoE+, PoE, Noisy Environments

Physical Characteristics (Overall)

Conductor

AWG	Stranding	No. of Pairs
23	Solid	4

Connectors

Materials

Type
RJ45
RJ45 Blades
REVConnect

Electrical Characteristics

Current Rating:	1.500 A
Insulation Resistance:	500 M-Ohm Minimum

Temperature Range

Installation Temperature Range:	-10°C To +60°C
Storage Temperature Range:	-40°C To +70°C

Mechanical Characteristics

Tool Compatibility:	RVUTT01 Termination Tool
Termination Front Connection:	Mated Connection
Termination Front Connection Durability:	750 cycles
Termination Rear Connection:	Mated Connection
Termination Rear Connection Durability:	200 cycles

Termination Interface

Termination	Durabilities
Cable End 1 - RJ45	750 Cycles
Cable End 2 - RevConnect	200 Cycles

Standards

UL Rating:	UL94 V-0, UL1863, UL2043

Data Category:	Category 6A
TIA/EIA Compliance:	Category 6A - TIA 568.C.2, Category 6A - ISO/IEC 11801:2002 Ed.2
IEEE Compliance:	Power Over Ethernet (PoE) IEEE 802.3at type 1 and 2 (up to 30W), IEEE802.3bt/D1.7 type 3 and 4 (up to 100W), CISCO UPOE (up to 60W), Power over HDBaseTTM (up to 100W)

Applicable Environmental and Other Programs

Environmental Space:	Indoor

Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	No

Flammability, LS0H, Toxicity Testing

UL Flammability:	UL2043 Air Handling Spaces
Safety Listing:	c(UL)us Listed

Related Part Numbers

Related Parts:	REVConnect

History

Update and Revision:	Revision Number: 0.2 Revision Date: 10-28-2026

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