



Product: [AX104562](#)



Modular Connectors - 10GX Shielded KeyConnect Modular Jack

Product Description

10GX Shielded KeyConnect Modular Jack, Category 6A, RJ45

Technical Specifications

Product Overview

Suitable Applications:	IBDN Shielded System 10GX, TIA Screened Category 6A, ISO Class EA, 10GBASE-T
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Physical Characteristics (Overall)

Height:	1.000 in
Width:	0.675 in
Depth:	1.570 in
Wiring Scheme:	T568A/B
Packaging:	Individually packaged in a plastic bag.
Weight:	0.048 lbs

Connectors

Materials

Description	Material	Type
Front Connection	Phosphor Bronze with 50u inch Gold over Nickel Plating	RJ45
Rear Connection	Phosphor Bronze with Tin Plating over Nickel	IDC
Connector Body	Metal	

Electrical Characteristics

Dielectric Strength:	1,000V RMS @ 60 Hz for 1 minute
Current Rating:	1.500 A
Insulation Resistance:	500 M-Ohm Minimum
Max Contact Resistance:	20 mOhm
Termination Resistance:	2.5 mOhm

Temperature Range

Storage Temperature Range:	-40°C to +75°C
Operating Temperature Range:	-10°C to +60°C

Mechanical Characteristics

Footprint/Type:	KeyConnect
Tool Compatibility:	Tool Less
Plug /Jack Compatibility:	RJ45, RJ11
Termination Front Connection Durability:	750 cycles
Termination Rear Connection Durability:	20 terminations
Connector/Hardware Retention:	20 lbs

Plug/Connector Retention:	11.250 lbs
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Standards

TIA/EIA Compliance:	Category 6A - TIA 568.C.2, Class EA - ISO/IEC 11801:2002 Amendment 2
Other Standards:	FCC Part 68, Subpart F, IEC 60603-7

Applicable Environmental and Other Programs

Environmental Space:	Indoor
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Related Part Numbers

Related Parts:	Wire Cap, 1 cable Tie
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Product Notes

Notes:	IDC Wire Gauge: 22~24 AWG. Max cable OD 8.55mm (0.336 in.) May not be compatible with all Belden faceplates. Please contact Belden Technical Support for compatibility verification.
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History

Update and Revision:	Revision Number: 0.39 Revision Date: 07-21-2025
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