



**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)

Overall Height:	1.000 in
Overall 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

Connector System Compatibility:	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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