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Category 6 Shielded RJ45 (8x8) Keystone Feed-thru Coupler

An exclusive from L-com is our extensive offering of network grade couplers for Ethernet applications. Featuring an industry standard Keystone-Mount design, these couplers can be installed into typical panels and wall plate openings. For maximum protection from EMI/RFI choose the shielded versions which feature a stamped metal shell. These couplers are engineered to bring high performance in a compact design. Contact us for aggressive pricing for your larger projects.
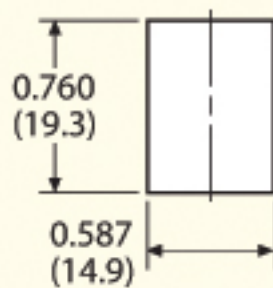
Features for this Modular product

- High Performance Ethernet Coupler for panel and wall plate mounting
- Keystone Style Snap in mounting design for compatibility with common wall plates and rack panels
- Fully shielded housing options reduce EMI/RFI interference
- EIA568A/B dual wiring provides compatibility in every installation
- Available in Category 3, 5E, and 6 in shielded or non-shielded versions

Details for this Modular product

L-com Item #	TDG1026KS-C6
Manufacturer	L-com
ASIN # (More)	B000AAHSS2
UPC # (More)	822335036093
RoHS Status	RoHS Compliant ✔ (More)

▸ Diagram
💡 Tip
🎥 Video Clip
📄 Catalog Page
📄 Catalog Page
📄 Catalog Page
🔳 2D Drawing (.pdf)
🧩 3D CAD Model (.step)

TDG1026K PANEL OPENING

0.760
(19.3)

0.587
(14.9)

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499

RoHS Compliant RJ45 (8x8) Keystone Feed-thru Couplers - Shielded Category 3, 5E and 6

These couplers utilize two RJ45 (8x8) modular jacks and fit into a standard Keystone style opening. A slim housing design permits high density mounting. Couplers listed include Category 3, 5E and 6 performance ratings in both Shielded and Unshielded versions. Connector housings enclosed within a fully stamped shielding. Designed to work with EIA/TIA 568A and B wiring.

TDG1026KC3	Category 3 Unshielded RJ45 (8x8) Keystone Feed-thru Coupler
TDG1026KS-8P	Category 3 Shielded RJ45 (8x8) Keystone Feed-thru Coupler
TDG1026KC5	Category 5E Unshielded RJ45 (8x8) Keystone Feed-thru Coupler
TDG1026KS-C5E	Category 5E Shielded RJ45 (8x8) Keystone Feed-thru Coupler
TDG1026KC6	Category 6 Unshielded RJ45 (8x8) Keystone Feed-thru Coupler
TDG1026KS-C6	Category 6 Shielded RJ45 (8x8) Keystone Feed-thru Coupler

TIP: *How to panel mount a keystone style connector*

Video clip at
www.L-com.com/videos/A10

Keystone style refers to the snap-in mounting mechanism that many manufacturers have adopted. Unfortunately, this is not based on an agreed upon standard. As with any de facto standard, slight variations in size exist between various manufacturers' products. The recommended panel openings and maximum panel thickness are best fit values that were chosen with variations taken into consideration.

STEP 1

Align connector in proper orientation to the opening.

STEP 2

① Seat bottom retainer
② Pivot connector upward
③ Depress top retainer and snap connector in place.

Seat bottom retainer and pivot connector upward while depressing upper retainer.
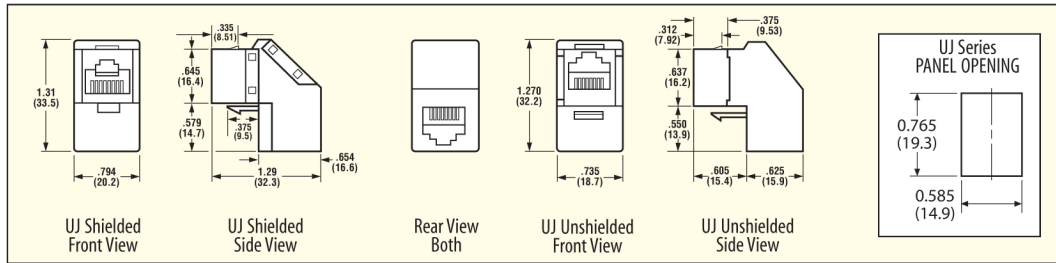
STEP 3

Connector fully seated.

RoHS Compliant Premium Keystone Style RJ45 (8x8) Feed-Thru Modular Couplers - Category 5E Rated

Two Category 5E feed-thru modular couplers are available for mating EIA568 A or B Category 5 connections. Couplers come in shielded and unshielded versions, the unique offset design maintains Category 5E performance and limits depth to only 1.25". Designed to mate with keystone style holes. Color: Black or Silver.

UJ5T568	Modular Coupler, Cat. 5E RJ45 (8x8), Unshielded	Black
UJ5T568S	Modular Coupler, Cat. 5E RJ45 (8x8), Shielded	Silver

1.31 (33.5)
.794 (20.2)
UJ Shielded Front View

.335 (8.51)
.645 (16.4)
.579 (14.7)
.375 (9.5)
1.29 (32.3)
.654 (16.6)
UJ Shielded Side View

Rear View Both

1.270 (32.2)
.735 (18.7)
UJ Unshielded Front View

.312 (7.92)
.375 (9.53)
.637 (16.2)
.550 (13.9)
.605 (15.4)
.625 (15.9)
UJ Unshielded Side View

UJ Series PANEL OPENING
0.765 (19.3)
0.585 (14.9)

RoHS Compliant Premium Keystone Style - 16 and 32 Port Feed-Thru Modular Panels, Category 5E Rated

These rack panels utilize the UJ5T568 and UJ5T568S couplers. 16 and 32 port versions available in shielded and unshielded configurations. Category 5E rated. Color: Black.

PR175UT568	1.75" 16 Port Cat. 5E Feed-Thru Panel, Unshielded	Black
PR175UT568S	1.75" 16 Port Cat. 5E Feed-Thru Panel, Shielded	Black
PR35UT568	3.50" 32 Port Cat. 5E Feed-Thru Panel, Unshielded	Black
PR35UT568S	3.50" 32 Port Cat. 5E Feed-Thru Panel, Shielded	Black

RoHS Compliant Keystone Style - 16 and 32 Port Feed-Thru Modular Panels - Category 6 Rated

Panels utilize the TDG1026KC6 or TDG1026KS-C6 Category 6 couplers. 16 and 32 port versions are available in shielded and unshielded configurations. Color: Black.

PR175C6-16	1.75" 16 Port Cat. 6 Feed-Thru Panel, Unshielded	Black
PR175C6-16S	1.75" 16 Port Cat. 6 Feed-Thru Panel, Shielded	Black
PR35C6-32	3.50" 32 Port Cat. 6 Feed-Thru Panel, Unshielded	Black
PR35C6-32S	3.50" 32 Port Cat. 6 Feed-Thru Panel, Shielded	Black

How Rack Spaces and Sizes are Measured

1 Rack Space = 1.75 in
2 Rack Spaces = 3.5 in

Racks are a great way to neaten up wiring closets and labs. Network equipment and rack panels usually come in 1.75", 3.5" and 5.25" heights. (1, 2 and 3 rack spaces).

Right column images

TDG1026KC3 — Unshielded Category 3
TDG1026KS-8P — Shielded Category 3
TDG1026KC5 — Unshielded Category 5E
TDG1026KS-C5E — Shielded Category 5E
TDG1026KC6 — Unshielded Category 6
TDG1026KS-C6 — Shielded Category 6

TDG1026K PANEL OPENING
0.765 (19.3)
0.585 (14.9)

UJ5T568 (Unshielded)
UJ5T568S (Shielded)

Network Rating: Category 5E
Color: Black or Silver
Gold Plating: 50 microinches
Flammability Rating: 94V-0

PR175UT568
PR35UT568
PR175C6-16
PR35C6-32