

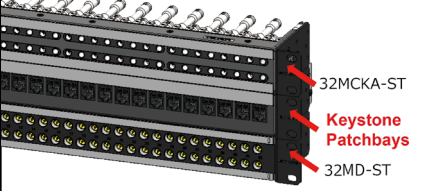




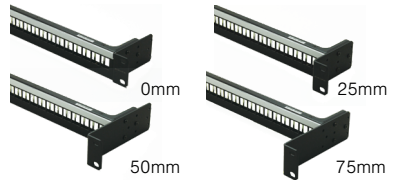
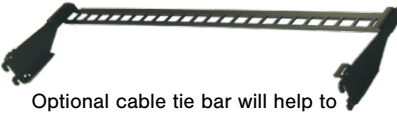
# IP Connectivity Products

## 24-Port Keystone IP Patchbays, 24-Port Keystone Panel

### Introduction

Canare has launched its own series of IP connectivity solutions. The new series includes patch panels, couplers, and looping plugs. By evaluating existing IP products, we re-engineered items and specialized them for IP broadcasting systems, IP OB-Vans, and other IP-based A/V applications.

### Unique 7 Points

<b>1 Unified Design</b>	<b>3 Non-Splitted Designation Strip</b>	<b>6 No Special Tool</b>
 <p>Canare IP panels are similar in appearance to our video patchbays.</p>	 <p>8.5 × 426mm free designation area to write on.</p>	 <p>For interchanging couplers, just use a flathead screwdriver.</p>
<b>2 Mobile Truck Ready</b>	<b>4 Wide Range of IP Interface</b>	<b>7 Depth Adjustable Front Mount</b>
 <p>Tested through heavy-duty vibration for live production applications.</p>	 <p>Choose from 19 types of IP couplers.</p>	 <p>In case of space efficiency, patching surface can be recessed 25mm, 50mm or 75mm deeper.</p>
	<b>5 Cable Tie Bar</b>	
	 <p>Optional cable tie bar will help to optimize wiring support.</p>	

### 24-Port Keystone IP Patchbays

Model	Panel Size	Description
<b>24KRJ-6AJJ</b>	1RU	24 × RJ45 Unshielded Cat6A Couplers
<b>24KRJS-6AJJ</b>	1RU	24 × RJ45 Shielded Cat6A Couplers

Standard panel color: Black.

### 24-Port Keystone Panel

Model	Panel Size	Description
<b>K24S-1U-BLK</b>	1RU	24-Port, Unloaded Panel

Standard panel color: Black.

- Unified design
- Robust construction
- 8.5 × 426mm free designation area
- Can be recessed 25mm.
- Ground stickers attached

**Note:** 50 or 75mm recessed panel mount by M-MA1U02A (see page 81)

Website



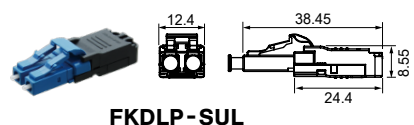
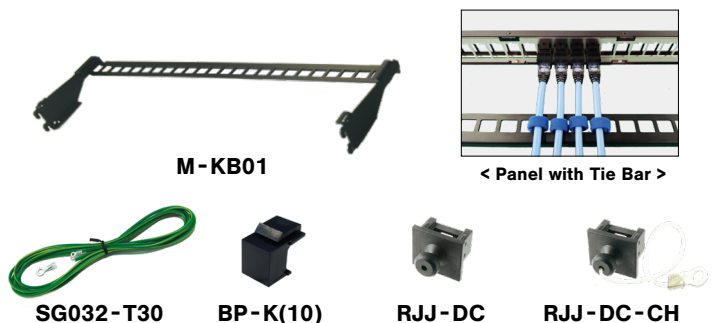
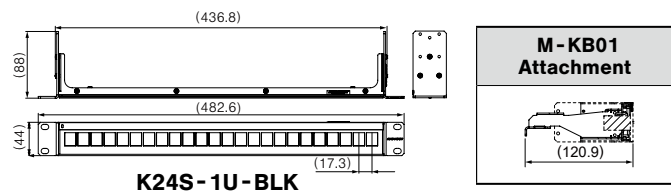
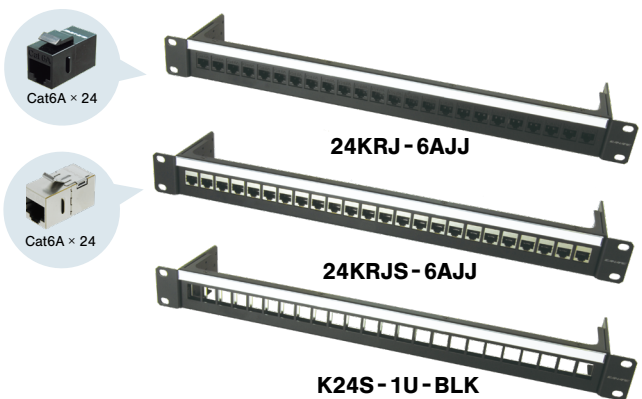
### Accessories

Model	Description
<b>M-KB01</b>	Cable Tie Bar
<b>SG032-T30</b>	Grounding Cable 3.2m, Terminated with M3 Round Terminal (RT) one end, 1pc of M6 RT attached.
<b>SG002-T36</b>	Grounding Cable 0.2m, Terminated with M3 RT one end, and M6 RT another end.
<b>BP-K(10)</b>	Blank Plate (10 pcs.)
<b>RJJ-DC</b> <span style="color: red;">New</span>	Dust cap for RJ45 (25 pcs.)
<b>RJJ-DC-CH</b> <span style="color: red;">New</span>	Dust cap for RJ45 with string (20 pcs.) *Requires a screw mount.

- Grounding cables are ideal for shielded Cat6A panels and a rack.
- RJJ-DC and RJJ-DC-CH can be mounted on all RJ45.
- RJJ-DC can be stacked for secure fastening and storage.

Model	Description	Couplers
<b>FKDLP-SUL</b>	DLC Loop-Back, U-link (SM)	FKDLJ-JS FKDLJ-JS-S

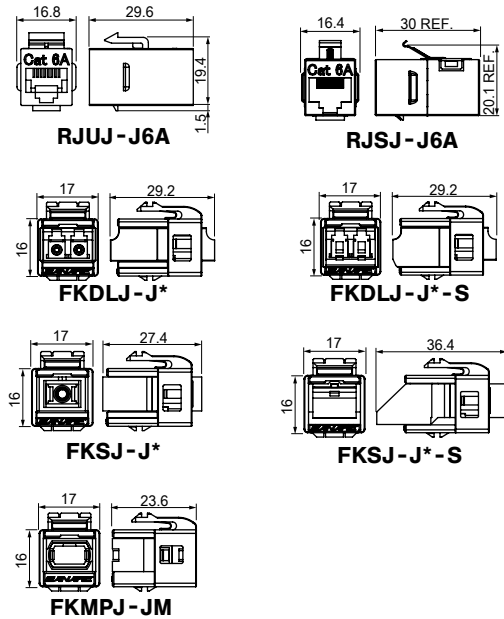
- Loop signal for maintenance



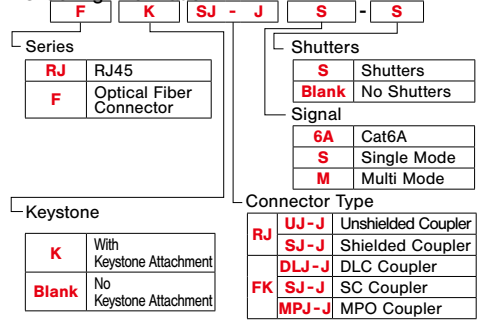
**Keystone IP Couplers**

Type	Appearance	Model	Description
RJ45		<b>RJUJ-J6A</b>	RJ45 Coupler
		<b>RJSJ-J6A</b>	RJ45 Coupler (shield)
DLC		<b>FKDLJ-JS</b>	DLC Coupler (SM)
		<b>FKDLJ-JM</b>	DLC Coupler (MM)
		<b>FKDLJ-JS-S</b>	DLC Coupler with Shutters (SM)
		<b>FKDLJ-JM-S</b>	DLC Coupler with Shutters (MM)
SC		<b>FKSJ-JS</b>	SC Coupler (SM)
		<b>FKSJ-JM</b>	SC Coupler (MM)
		<b>FKSJ-JS-S</b>	SC Coupler with Shutter (SM)
		<b>FKSJ-JM-S</b>	SC Coupler with Shutter (MM)
MPO		<b>FKMPJ-JM</b>	MPO Coupler (MM)

- Compatible with Keystone Panels.
- A wide array of different connection options.
- Fast and easy to install.
- Blank Plate : Protects unused ports from dirt and dust.



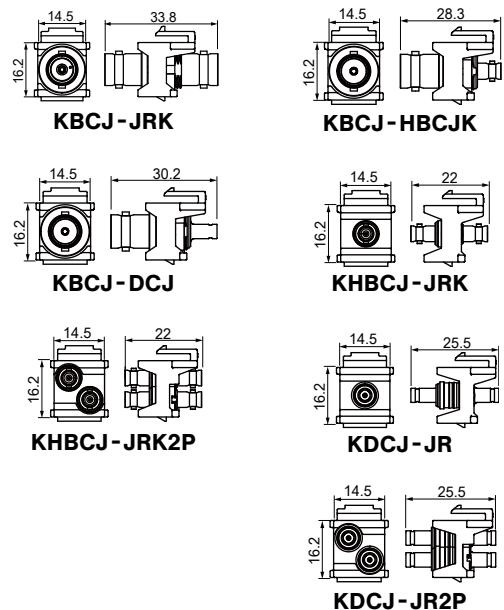
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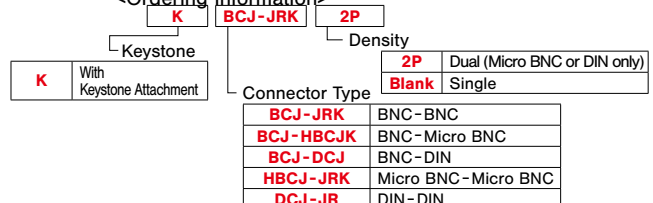
**Keystone 75Ω Video Couplers**

Type	Appearance	Model	Description
BNC		<b>New 12G-SDI KBCJ-JRK</b>	BNC Relay Adapter BNC(F)-BNC(F)
		<b>New 12G-SDI KBCJ-HBCJK</b>	Conversion Adapter BNC(F)-Micro BNC(F)
		<b>New 12G-SDI KBCJ-DCJ</b>	Conversion Adapter BNC(F)-DIN(F)
Micro BNC		<b>New 12G-SDI KHBCJ-JRK</b>	BNC Relay Adapter Micro BNC(F)-Micro BNC(F)
		<b>New 12G-SDI KHBCJ-JRK2P</b>	BNC Relay Adapter (Dual) Micro BNC(F)-Micro BNC(F)
DIN 1.0/2.3		<b>New KDCJ-JR</b>	BNC Relay Adapter DIN(F)-DIN(F)
		<b>New KDCJ-JR2P</b>	BNC Relay Adapter(Dual) DIN(F)-DIN(F)

- Uncompromised 12G-SDI Performance
- High-Density Space Efficiency
- Versatile Lineup: BNC, Micro BNC, and DIN
- Seamless AV/IT Integration



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# IP Connectivity Products

## SFP

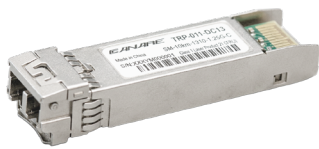
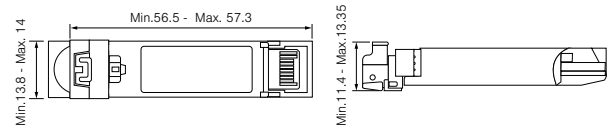
### SFP Optical Transceivers

Fiber Type	Model	Description
SMF DLC	<b>TRP-011-DC13</b>	1GbE SFP, 1000BASE-LX (10km)
SMF DLC	<b>TRP-101-DC13</b>	10GbE SFP+, 10GBASE-LR (10km)
SMF DLC	<b>TRP-251-DI13</b> <span style="color:red">New</span>	25GbE SFP28, 25GBASE-LR (10km)
MMF DLC	<b>TRP-010-DC081</b> <span style="color:red">New</span>	1GbE SFP, 1000BASE-SX (800m)
MMF DLC	<b>TRP-100-DC08</b> <span style="color:red">New</span>	10GbE SFP+, 10GBASE-SR (300m)
MMF DLC	<b>TRP-250-DC08</b> <span style="color:red">New</span>	25GbE SFP28, 25GBASE-SR (70m)
SMF 1 x SC	<b>TRP-011-DI13BS</b> <span style="color:red">New</span>	1GbE Bidi SFP, 10km (Tx: 1310nm)
SMF 1 x SC	<b>TRP-011-DI15BS</b> <span style="color:red">New</span>	1GbE Bidi SFP, 10km (Tx: 1550nm)

SMF: Single Mode Fiber MMF: Multi Mode Fiber DLC: Duplex LC

- Reliable and high-performance MSA-compliant optical transceivers.
- Ideal for broadcast IP systems, data centers, and telecommunications.
- Supports 1GbE, 10GbE, and 25GbE applications.
- 1-year product warranty included.

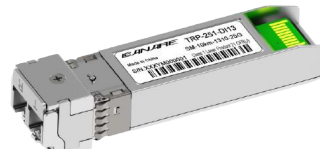
**Note:** TRP-011-DI13BS (1310nm) and TRP-011-DI15BS (1550nm) must be used together as a matching pair



TRP-011-DC13



TRP-101-DC13



TRP-251-DI13



TRP-010-DC081



TRP-100-DC08



TRP-250-DC08



TRP-011-DI13BS



TRP-011-DI15BS

### Specifications

Model	TRP-011-DC13	TRP-101-DC13	TRP-251-DI13	TRP-010-DC081	TRP-100-DC08	TRP-250-DC08	TRP-011-DI13BS	TRP-011-DI15BS
<b>Optical Connector</b>	2 × LC	2 × LC	2 × LC	2 × LC	2 × LC	2 × LC	1 × SC	1 × SC
<b>Wavelength</b>	1310nm	1310nm	1310nm	850nm	850nm	850nm	Tx: 1310nm Rx: 1550nm	Tx: 1550nm Rx: 1310nm
<b>Fiber Type</b>	SM 9/125	SM 9/125	SM 9/125	MM 50/125	MM 50/125	MM 50/125	SMF 9/125	SMF 9/125
<b>Reach</b>	10km	10km	10km	800m (OM3)	300m (OM3)	70m (OM3)	10km	10km
<b>Standards</b>	IEEE802.3z 1000BASE-LX	IEEE802.3ae 10GBASE-LR/LW	IEEE802.3cc 25GBASE-LR	IEEE802.3z 1000BASE-SX	IEEE802.3z 1000BASE-SX	IEEE802.by 25GBASE-SR	IEEE802.3z 1000BASE-Bidi	IEEE802.3z 1000BASE-Bidi
<b>Tx Output Power</b>	-9.5dBm to -3.0dBm	-8.2dBm to +0.5dBm	-7.0dBm to +2.0dBm	-9dBm to 0dBm	-7.1dBm to -1.0dBm	-8.4dBm to +2.4dBm	-9.0dBm to -3.0dBm	-9.0dBm to -3.0dBm
<b>Rx Sensitivity</b>	< -21dBm	< -14.4dBm	< -12.0dBm	< -18.0dBm	< -9.9dBm	< -10.3dBm	< -21.0dBm	< -21.0dBm
<b>Operating Temperature</b>	0 to 70 deg C	0 to 70 deg C	-40 to 85 deg C	0 to 70 deg C	0 to 70 deg C	0 to 70 deg C	-40 to 85 deg C	-40 to 85 deg C
<b>Dimensions (mm)</b>	14(W) × 11.4(H) × 56.75(D)		14(W) × 12.45(H) × 57.3(D)	13.40(W) × 13.0(H) × 56.35(D)	13.8(W) × 11.9(H) × 56.5(D)		14(W) × 14.7(H) × 68.8(D)	
<b>Weight</b>	17g	18g	26g	15.8g	17g	18g	24g	24g
<b>Data Rate (Gbps)</b>	1.24 to 1.26	9.953 to 10.3125	24.33 to 25.78	1.0625 to 1.27	10.3125 to 10.7	25.3 to 25.78	1.0625	1.0625

## Technical Note

### BiDi SFP (Bidirectional SFP)

BIDI SFP transceivers facilitate data transmission and reception over a single fiber optic cable. Unlike standard SFPs, which require two fibers (one for transmission and one for reception), BIDI technology enables bidirectional communication using only one single-mode fiber.

