

# IP Connectivity Products

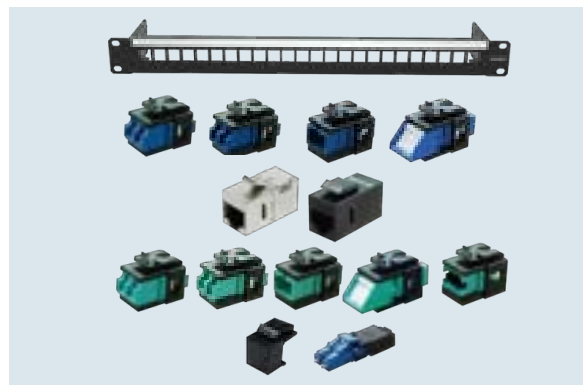
## 24-Port Keystone IP Patchbays, 24-Port Keystone IP Panel

### 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.

### Design Concept

Canare's engineer thought compatibility would be a significant aspect of being accepted throughout IP-based broadcast as well as audio-visual applications. The Keystone style is IEC standardized snap-in construction. We recognize keystone's modularity will provide flexible solutions to all system integrators, live production, and studio engineers.



### Unique 7 Points

<p><b>1 Unified Design</b></p> <p>Canare IP panels are similar in appearance to our video patchbays.</p>	<p><b>3 Non-Splitted Designation Strip</b></p> <p>8.5 × 426mm free designation area to write on.</p>	<p><b>6 No Special Tool</b></p> <p>For interchanging couplers, just use a flathead screwdriver.</p>
<p><b>2 Mobile Truck Ready</b></p> <p>Tested through heavy-duty vibration for live production applications.</p>	<p><b>4 Wide Range of IP Interface</b></p> <p>Choose from 12 types of IP couplers.</p>	<p><b>7 Depth Adjustable Front Mount</b></p> <p>In case of space efficiency, patching surface can be recessed 25mm, 50mm or 75mm deeper.</p>
<p><b>5 Cable Tie Bar</b></p> <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> <span style="color: red;">New</span>	1RU	24 × RJ45 Unshielded Cat6A Couplers
<b>24KRJS-6AJJ</b> <span style="color: red;">New</span>	1RU	24 × RJ45 Shielded Cat6A Couplers

Standard panel color: Black.

### 24-Port Keystone IP Panel

Model	Panel Size	Description
<b>K24S-1U-BLK</b> <span style="color: red;">New</span>	1RU	24-Port, Unloaded Panel

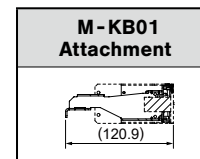
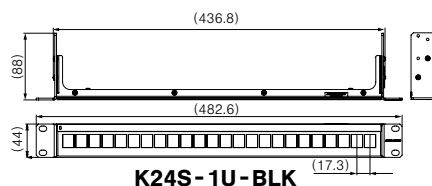
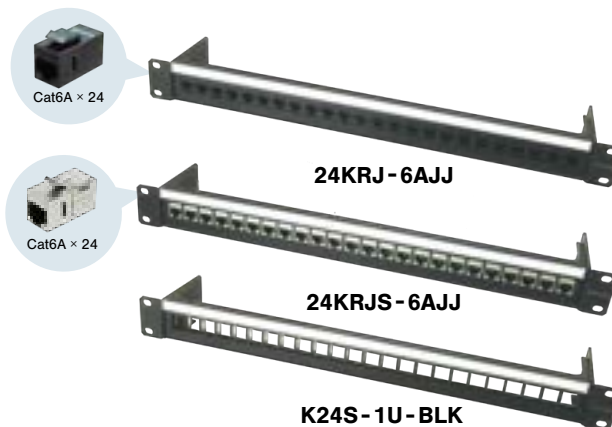
Standard panel color: Black.

#### Key Features and Benefits

- 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 79)

Website



#### Accessories

Model	Description
<b>M-KB01</b> <span style="color: red;">New</span>	Cable Tie Bar
<b>SG032-T30</b> <span style="color: red;">New</span>	Grounding Cable 3.2m, Terminated with M3 Round Terminal (RT) one end, 1pc of M6 RT attached.
<b>SG002-T36</b> <span style="color: red;">New</span>	Grounding Cable 0.2m, Terminated with M3 RT one end, and M6 RT another end.

- Grounding cables are ideal for shielded Cat6A panels and a rack.



< Panel with Tie Bar >

**Keystone IP Couplers**

Type	Appearance	Model	Description	Standards
RJ45 <b>Cat 6A</b>		<b>New</b> RJ45-J6A	RJ45 Coupler	IEC 60603-7 ANSI/TIA-568-C.2
		<b>New</b> RJSJ-J6A	RJ45 Coupler (shield)	
DLC		<b>New</b> FKDLJ-JS	DLC Coupler (SM)	JIS C 5964-20 IEC 61754-20 IEC 60603-7
		<b>New</b> FKDLJ-JM	DLC Coupler (MM)	
		<b>New</b> FKDLJ-JS-S	DLC Coupler with Shutters (SM)	
		<b>New</b> FKDLJ-JM-S	DLC Coupler with Shutters (MM)	

**Key Features and Benefits**

- 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.

Website

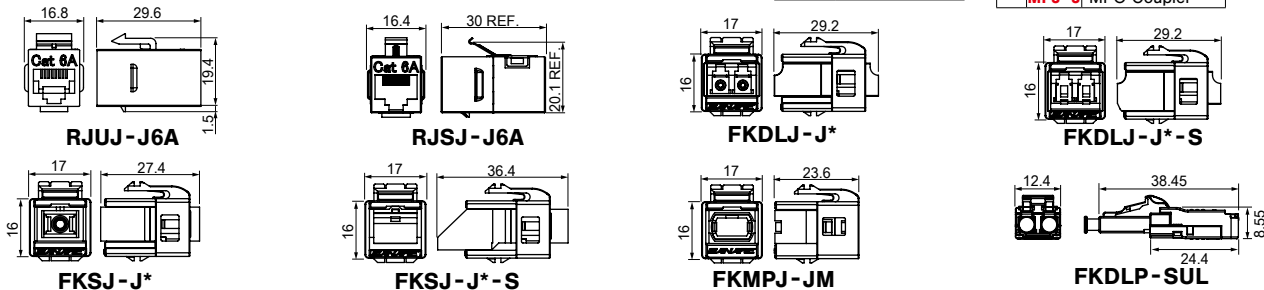


**LC Duplex Multi-Fiber Optic Loop-Back**

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

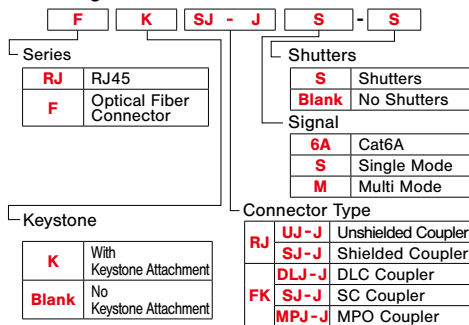
**Key Features and Benefits**

- Loop signal for maintenance
- Built-in dust cap holder



Type	Appearance	Model	Description	Standards
SC		<b>New</b> FKSJ-JS	SC Coupler (SM)	JIS C 5964-4 IEC 61754-4 IEC 60603-7
		<b>New</b> FKSJ-JM	SC Coupler (MM)	
		<b>New</b> FKSJ-JS-S	SC Coupler with Shutter (SM)	
		<b>New</b> FKSJ-JM-S	SC Coupler with Shutter (MM)	
MPO		<b>New</b> FKMPJ-JM	MPO Coupler (MM)	JIS C 5964-7 IEC 61754-7 IEC 60603-7
-		<b>New</b> BP-K(10)	Blank Plate (10 pcs.)	IEC 60603-7

**<Ordering Information>**



**SFP Optical Transceivers**

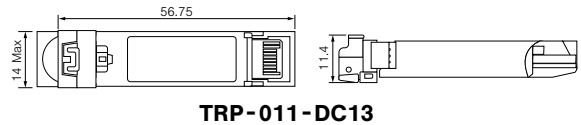
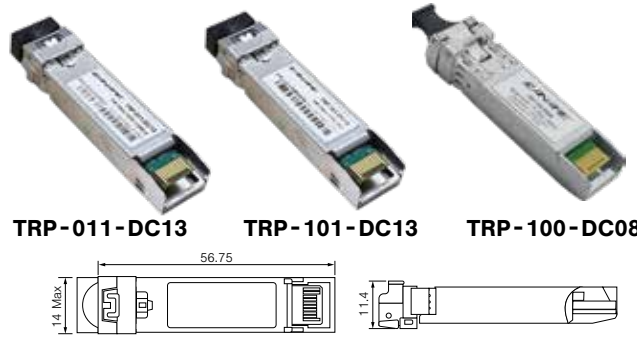
Fiber Type	Model	Description
Single Mode	TRP-011-DC13 <b>New</b>	1GbE SFP type
Single Mode	TRP-101-DC13 <b>New</b>	10GbE SFP+ type
Single Mode	TRP-251-DI13 <b>Coming soon</b>	25GbE SFP28 type
Multi Mode	TRP-010-DC08 <b>Coming soon</b>	1GbE SFP type
Multi Mode	TRP-100-DC08 <b>Coming soon</b>	10GbE SFP+ type
Multi Mode	TRP-250-DC08 <b>Coming soon</b>	25GbE SFP28 type

**Key Features and Benefits**

- Reliable and high-performance generic optical transceiver
- Compliant with MSA: Multi-source agreement
- Broadcast IP system, data center, and telecommunications
- 1-year product warranty

**Specifications**

Model	TRP-011-DC13	TRP-101-DC13	TRP-251-DI13	TRP-010-DC08	TRP-100-DC08	TRP-250-DC08
<b>Optical Connector</b>	2 × LC	2 × LC	2 × LC	2 × LC	2 × LC	2 × LC
<b>Wavelength</b>	1310nm	1310nm	1310nm	850nm	850nm	850nm
<b>Fiber Type</b>	SM 9/125	SM 9/125	SM 9/125	MM 50/125	MM 50/125	MM 50/125
<b>Reach</b>	10km	10km	10km	550m (OM3)	300m (OM3)	70m (OM3)
<b>Standards</b>	IEEE802.3z 10GBASE-LX	IEEE802.3ae 10GBASE-LR/LW	IEEE802.3cc 25GBASE-LR	IEEE802.3z 1000BASE-SX	IEEE802.3ae 10GBASE-SR/SW	IEEE802.3 25GBASE-SR
<b>Tx Output Power</b>	-9.5dBm to -3.0dBm	-8.2dBm to +0.5dBm	-7.0dBm to +2.0dBm	-9.5dBm to -4.0dBm	-7.1dBm to -1.0dBm	-8.4dBm to +2.4dBm
<b>Rx Sensitivity</b>	< -21dBm	< -14.4dBm	< -12.0dBm (OMA)	< -18.0dBm	< -9.9dBm	< -10.3dBm
<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
<b>Dimensions (mm)</b>	14(W) × 11.4(H) × 56.75(D)	14(W) × 12.45(H) × 57.3(D)	14(W) × 13.35(H) × 56.6(D)	13.8(W) × 11.9(H) × 56.5(D)		
<b>Weight</b>	17g	18g	-	-	-	-



IP Connectivity Products  
Technical Trend  
Fiber-Optic Systems  
Connectors  
Cables  
Panels & Patchbays  
Multichannel Systems  
Cable Assemblies