

## Fiber Optic KVM Transmission Brands

Ordering information

| NO.                                            | 1                                                                                 | 2                                                                                 | 3                                                                                 | 4                                                                                  |
|------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Model                                          | F08M1                                                                             | F08M2                                                                             | F02M3                                                                             | F02M4                                                                              |
| Product name                                   | Patch Panel                                                                       | Patch Panel                                                                       | Patch Panel                                                                       | Patch Panel                                                                        |
| Illustration                                   |  |  |  |  |
| HS                                             | 1                                                                                 | 2                                                                                 | 3                                                                                 | 4                                                                                  |
| Maximum number of cores                        | 96                                                                                | 192                                                                               | 288                                                                               | 384                                                                                |
| Product size (including products and adapters) | 482.0*206.7*43.2mm                                                                | 482.0*206.7*83.1mm                                                                | 482.0*206.7*132.3mm                                                               | 482.0*206.7*172.7mm                                                                |
| Standard color code                            | RAL9005                                                                           | RAL9005                                                                           | RAL9005                                                                           | RAL9005                                                                            |

### AI Overview

Top fiber optic KVM brands include Rextron, Matrox, Thinklogical, and specialized KVM extender providers offering high-performance, secure, and long-distance solutions. Leading Brands and Their Offerings

**Rextron** specializes in fiber-optic KVM extenders suitable for high-EMI environments and long-distance transmission up to 70 km. Their products support multiple video interfaces including VGA, DVI, HDMI, DisplayPort, and USB-C, with resolutions up to 4K 60Hz. Rextron extenders can transmit video, audio, USB, IR, and RS-232 signals, making them ideal for remote console access in industrial or secure settings.

**Matrox** offers the Extio 2 and Extio F series fiber-optic KVM extenders, supporting multi-monitor setups with resolutions up to 2560x1600 at 60Hz. Matrox solutions provide point-to-point or switchable KVM connections, as well as KVM over IP matrix systems. Their products are widely used in control rooms, broadcast studios, and medical applications, offering uncompressed or visually lossless video transmission over single-mode or multi-mode fiber.

**Thinklogical** focuses on secure, high-performance fiber-optic KVM extenders and matrix switches. Their systems are IA-accredited and certified for multi-classification environments, including Common Criteria EAL4, NATO GREEN status, and TEMPEST SDIP 27 Level B. Thinklogical products enable back-racking of computers, secure isolation of networks, and uncompressed signal management, making them suitable for mission-critical operations centers.

Other Fiber KVM Extender Providers include general suppliers offering latency-free, interference-free fiber transmission with support for 1080p 60Hz or 2K/4K 30Hz video, USB 2.0, and multimode SFP+ modules. These solutions are suitable for standard enterprise or industrial applications where secure and reliable KVM extension is required.

**Key Considerations When Choosing a Brand**

**Distance and Fiber Type:** Single-mode fiber supports longer distances (up to 70 km), while multi-mode fiber is suitable for shorter runs.

**Video and Peripheral Support...**

## Article Content

### Top 5 Fusion Splicers for 2026: Precision Tools for Fiber Optic Experts

In fiber optic networking, precision and dependability directly impact network performance, uptime, and cost-efficiency. A high-quality fusion splicer creates seamless, low-loss

### 4K HDMI Fiber Extender KVM With USB Local Loopout 3.5mm Audio

**Product Description** This professional 4K HDMI over Fiber Extender kit consists of a transmitter and a receiver, supporting long-distance signal transmission. It reaches up to 20km over single-mode fiber

### 21 KVM Extender Manufacturers in 2026

This section provides an overview for kvm extenders as well as their applications and principles. Also, please take a look at the list of 21 kvm extender manufacturers and their company rankings.

### StarTech 4K HDMI KVM Extender Over Fiber

About this item USB and 4K HDMI KVM extender over fiber controls a KVM switch/console or PC using fiber optic cable up 4K 60Hz UHD video (up to 3840

### KD — High-Speed Optical Connectivity Semiconductors

KD provides semiconductors for high-speed optical networking in harsh environments. Applications in automotive, home & SOHO, and industrial benefit from KD's future-proven system solutions for

### CONSIDERATIONS FOR FIBER

**CONSIDERATIONS FOR FIBER-BASED KVM EXTENSION** If you're sending KVM signals between buildings for an extended distance, in areas supplied by different power sources, in an electrically e

### Fiber 4K30 HDMI+USB KVM-Extender over IP (max. 500m MM), Zero Latency ...

With the capability to support up to 16 pairs of transmitter (TX) and receiver (RX) devices via a single Gigabit Ethernet switch, this fiber

### Black Box Fiber Optic Duplex Patch Network Cable FO625-010M-LCLC

**Black Box Fiber Optic Duplex Patch Network Cable** Black Box's Connect line of general-purpose OM1 62.5/125 multimode cabling is constructed to meet or exceed TIA/EIA industry standards, providing

### 4K Fiber KVM Extender up to 550m for Remote PC

This fiber optic KVM extender can transmit 4K@30Hz HDMI and USB signals up to 550m/1800ft via a fiber optic cable, while the 4KIP100-KVM extender transmits

Using fiber optics for KVM extension.

Many newer fiber-based KVM extenders support both analog and digital transmission. Often, they work by digitizing video output from a local CPU, then sending it across fiber link to a remote unit, which

Fiber Extender

CAT5 KVM Switches. Enterprise Multi-User. Dual Monitor KVM. Multi-Monitor KVM. Keyboard & Mouse (KM) HDMI KVM Switches. DisplayPort KVM. DVI KVM

KVM extenders

KVM extenders can transmit different types of signals for you: Keyboard and mouse signals Video signals: VGA, DVI, HDMI, DisplayPort audio signals: digital and analog transparent USB signals

Fiber Distribution KVM Matrix System Market Outlook 2026-2034

The Fiber Distribution KVM Matrix System Market faces restraints from evolving data privacy regulations like GDPR and CCPA, which mandate secure transmission protocols and

Buy IT Solutions Axiom A-O800-O800-10M-AX InfiniBand/fibre optic

They are pre-configured with an application specific code to meet the requirement set forth by the router and switch OEMs. Axiom compatible Active Optical Cables perform, fit and function identically when

KVM Extenders | Matrox Video

Matrox KVM extenders allow you to centralize systems in a secure server room, and control them from a distance without compromising performance. Matrox KVM extenders can extend signals—such as

Amazon : Primeda-telecom 4K HDMI Over Fiber

About this item □4K HDMI over Fiber□- Extend 4K HDMI signal through a Fiber Optic cable to remote transmission, Up to 0.62Miles (10Km) by a single-mode

KVM Fiber Optic Extenders over Fiber up to 70 km

The Fiber Extender is designed to extend signals over Optical Fiber for long-distance transmission. Rextron is good at providing a variety of KVM solutions, including Fiber KVM extenders. Our

Fibre KVM-Extender

With a Fiber KVM Extender you can digitally place the KVM control console (keyboard / video / mouse) from the computer via fiber optic cable.

DIGITUS OS2 Fibre Optic Cable

DIGITUS OS2 Fibre Optic Cable - 5 m - LC/APC to LC/APC - Simplex Fibre Optic Cable | SM Singlemode Fiber Optic LAN Cable - Fiber Type 9/125 $\mu$  - FTTH, FTTB & FTTx - Yellow: Amazon :

KVM extenders

In most cases, a KVM extension uses a CATx cable or a fiber optic cable (or optical fiber) for longer distances as transmission media. The type of transmission is dedicated or via IP structures (KVM

KVM Extenders:Fibre-Optic:

KVM Switch Specialists, Hardware, Accessories & Support from all major brands: Raritan, Adder, Aten, Austin Hughes, Smart-AVI, Rose, Rittal. UK based.

13,824-Core Fiber Optic Cable: Furukawa Electric

Furukawa Electric's Lightera begins mass production of the world's highest-class 13,824-core ultra-high-density fiber optic cable. Learn how this

Amazon : 4K@60Hz HDMI KVM Fiber Extender,

Overview The 4K HDMI KVM Fiber Extender provides extension of HDMI signals, audio up to 300m via the multi-mode single fiber. It supports 4k@60Hz high

Lot of 17 Cables to Go Networking & KVM 28523 10m fiber optic

9/125 micron cable for gigabit ethernet applications Cost-effective solution that provides high bandwidth and transmission rates over longer distances. With LC to SC termination, this high quality fiber optic

## Contact Us

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