

Optical Module BMD



AI Overview

The Blackmagic Design Optical Module is an SFP fiber adapter that enables long-distance 12G-SDI or 6G-SDI video transmission for BMD cameras and converters. Overview The BMD Optical Module is a small form-factor pluggable (SFP) device designed to transmit high-quality video signals over optical fiber. It is compatible with Blackmagic Studio Cameras, ATEM switchers, and Mini Converters, allowing SDI video to be sent over long distances without signal degradation. The module supports both 12G-SDI (up to 2160p60) and 6G-SDI formats, depending on the specific module purchased. Key Features Video Compatibility: Supports SD, HD, Ultra HD, and 2K DCI formats, including 10-bit 4:2:2 video. Fiber Transmission: Enables video transmission over single-mode optical fiber up to 28 miles (45 km) for 12G-SDI signals. SFP Slot Integration: Plugs into standard SFP slots on BMD devices, making it easy to add fiber connectivity without additional converters. Embedded Audio: Supports up to 16 channels of embedded audio. Automatic Format Detection: Automatically matches SD, HD, or 12G-SDI input signals. LC Fiber Connectors: Uses standard LC connectors for reliable fiber connections. Use Cases Remote Camera Control: Extend ATEM switcher control to Studio Cameras over long distances using fiber. High-Quality Broadcast: Maintain pristine 4K video quality in live production environments. Flexible Installations: Ideal for OB vans, large studios, or venues where long cable runs are required. Mini Converter Integration: Works with BMD Mini Converters to convert SDI to optical fiber and back, supporting multi-rate SDI standards. Differences Between 6G and 12G Modules 6G SFP Module: Supports up to 6G-SDI, suitable for HD and some Ultra HD formats, with slightly shorter maximum fiber distance. 12G SFP Module: Supports full 12G-SDI, enabling 4K 60p video over fiber up to 28 miles, ideal for high-end production setups. Summary The Blackmagic Design Optical Module is a versatile solution for transmitting high-quality SDI video...

Article Content

Blackmagic Design 12G SFP Optical Modul

Blackmagic Design 12G SFP Optical Modul, zur Aufrüstung von BMD Geräten mit Glasfaser (Optical) Funktionalität

Blackmagic Design 6G SFP Optical Modul für BMD Optical Fiber Geräte

Zudem lässt sich das Modul ganz einfach montieren. Kaufen Sie jetzt das Blackmagic Design 6G SFP Optical Modul für BMD Optical Fiber Geräte zusammen mit vielen weiteren hochwertigen Produkten

Blackmagic

"Blackmagic - SFP Optical Modul für BMD Optical Fiber 12G" SFP Optical Modul für BMD Optical Fiber Geräte Merkmale: - Geeignet für Standard SFP Slots - Singlemode Übertragung - Übertragung von

AI boom reshapes optical networking as hyperscaler spending ...

Yu described the impact of AI on optical networking as a "step function" increase in demand, driven not only by traditional data center traffic but also by new AI workloads and large

Blackmagic Design ADPT-3GBI/OPT

The Blackmagic Design ADPT-3GBI/OPT allows you to add an LC fiber optic connection to your Blackmagic Studio Camera, Teranex Converter, ATEM

Blackmagic Design ADPT-12GBI/OPT Adapter

Buy the Blackmagic Design ADPT-12GBI/OPT, Adapter - 12G BD SFP Optical Module at Full Compass Systems. Free Shipping on thousands of items!

Blackmagic Design Mini Converter Optical Fiber 12G

The Mini Converter Optical Fiber 12G features a standard SFP type socket that lets customers add any SMPTE compatible 3G, 6G or 12G-SDI SFP module.

Mini Converters - Tech Specs | Blackmagic Design

Optical Fiber Connection (optional) 1x SMPTE optical fiber SFP socket. Optical fiber SFP module sold separately.

Blackmagic 12G SFP Optical Modul für BMD Optical Fiber

Blackmagic 12G SFP Optical Modul für BMD Optical Fiber 12G SFP Optical Modul für Optical-Fiber-Geräte von Blackmagic Design. Zubehör für BMD Optical Fiber Geräte wie z.B. Fiber-Videohub

Blackmagic Design ADPT-12GBI/OPT 12G BD SFP

The Blackmagic Design ADPT-3GBI/OPT allows you to add an LC fiber optic connection to your Blackmagic Studio Camera, Teranex Converter, ATEM

Blackmagic Design 12G-SDI SFP Optical Module Adapter

12G optical fiber module that works in SD, HD and Ultra HD for adding optical fiber to your Mini Converter Optical Fiber 12G.

Blackmagic 12G SFP Optical Modul für BMD Optical Fiber Geräte:

Blackmagic 12G SFP Optical Modul für BMD Optical Fiber (Glasfaser) Geräte (BM-ADPT-12GBI/OPT) 12G-Glasfasermodul für SD, HD und Ultra HD zur Aufrüstung Ihres Teranex Mini mit Glasfaser

Mini Converters | Blackmagic Design

When you need to extend SDI connections over long distances, there is even a Blackmagic Mini Converter Optical Fiber model available with 12G-SDI support. You get bi-directional 12G-SDI to

Blackmagic Design 12G SFP Optical Module

Blackmagic Design 12G SFP Optical Modul; Glasfaser Modul für Blackmagic Optical Fiber Geräte; einfachen Montage in Standard SFP Slots; Singlemode

Network Transceiver Modules

Buy Network Transceiver Modules from top brands like C2G, Black Box, Facilis and HPE Aruba Networking. Go to B& H for amazing prices and service.

Blackmagic Design 6G SFP Optical Modul für BMD Optical Fiber Geräte

Mit Blackmagic Design 6G SFP Optical Modul für BMD Optical Fiber Geräte verfügen Sie über ein einzigartiges Modul für Übertragung im Singlemode. Zudem lässt sich das Modul ganz einfach

Blackmagic Design SFP Optical Modul 12G-SDI

Hauptmerkmale SFP Optical Modul 12G ubehör für BMD Optical Fiber Geräte wie...
more

Blackmagic Design 12G SFP Optical Module

Blackmagic Design Adapter 12G BD SFP Optical Module - ADPT-12GBI/OPT **BMD NO LONGER ship from the UK ALL their Kit is now held in the

Blackmagic

SFP Optical Modul für BMD Optical Fiber GeräteMerkmale:- Geeignet für Standard SFP Slots- Singlemode Übertragung- Übertragung von 12G-Signalen mit embedded Audio

Blackmagic Design 3G SFP Optical Modul für BMD Optical Fiber

Glasfaserverbindung zu Ihrem Blackmagic-Gerät. 3G-Glasfasermodul für SD und HD. Zur Aufrüstung Ihrer Mini Converter Optical Fiber 12G mit Glasfaser-Funktionalität. Automatische Umschaltung

Blackmagic Design Mini Converter Optical Fiber 12G-SDI

Buy Blackmagic Design Mini Converter Optical Fiber 12G-SDI featuring Converts 12G/6G/3G-SDI to Optical Fiber, Supports Signals up to DCI 4K25, Multi-Rate,

Blackmagic Design 12G SFP Optical Modul

Black Magic Design 12G SFP Optical Modul für BMD Optical Fiber Features: 12G SFP Optical Modul für Optical-Fiber-Geräte von Blackmagic Design.

Blackmagic Design Mini Converter Optical Fiber 12G-SDI

This converter has one SFP optical fiber socket (requires a separate module),

Blackmagic-Design 12G SFP Optical Modul für BMD Optical Fiber

Blackmagic Adapter 12G BD SFP Optical Module Bei dem 12G BD SFP Optical Module Adapter handelt es sich um einen Ersatz-Host-Adapter für den ATEM Studio Converter, ATEM Talkback Converter

Blackmagic Design 12G-SDI SFP Optical Module Adapter

Key Features • Add Fiber Module to BMD Studio Camera 4K • Run Optical Fiber up to 28 Miles Away • Supports 12G-SDI, 10-Bit 4:2:2 Output • ATEM Camera

Contact Us

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