

DIGITUS HDMI fiber optic extender set, 20 km

DS-55126

EAN 4016032457039



HDMI over Fiber Extender, Set SMF (20 km), MMF (500 m), SC Simplex

Transmit HDMI video and audio signals over distances up to 20 km using fiber optic cables. In addition, you can route IR remote control signals to the source device. You can thus control the source device from the receiver. Use this high-performance video system to supply up to 16 subscribers (receivers) over a distance of up to 5 km by means of an additional fiber switch. Three LEDs on the front of the transmitter and receiver units always keep you updated about the status of the device. This set consists of a transmitter and receiver module and is particularly suitable for the transmission of HDMI signals over long distances. Ideal for connections between buildings or large industrial complexes.

Transmit an HDMI signal over a distance of up to 20 km using a fiber optic cable (single mode, point-to-point connection).

- Supports SMF and MMF fiber optic cables
- Supports HDCP
- Supports SMF and MMF fiber optic cables
- HDMI connection: Type A, socket
- Fiber optic connection: SC Simplex, socket
- Transmission: 150 Mbps
- Transmission distance: up to 20 km via SMF cable / up to 500m via MMF cable
- Highest possible resolution: Full HD, 1080p/60 Hz
- HDMI input resolutions: 480i at 60 Hz, 480p at 60 Hz, 576i at 50 Hz, 576p at 50 Hz, 720p at 50/60 Hz, 1080i at 50/60 Hz, 1080p at 50/60 Hz
- HDMI output resolutions: 1080p at 60 Hz, 720p, 576p, 480p
- HDMI version: 1.3
- HDCP version: 1.2
- LED function indicator

- Maximum transfer rate: 4.95 Gbps
- Transmitter wavelength: 1310 nm (TX), 1550 nm (RX)
- Receiver wavelength: 1550 nm (RX), 1310 nm (TX)
- Input and output DDC signal: 5 Vp-p (TTL)
- Remote IR signal routing: 20 – 60 kHz
- Operation temperature: 0 - 60°C
- Operating humidity: 0 – 90% (non-condensing)
- Operating voltage: 5 V/DC / 2 A
- Power consumption: Transmitter module: < 4 W / Receiver module: < 3.5 W
- Dimensions: L 14 x W 81.5 x H 2.4 cm
- Material: Aluminum housing
- Color: Black
- Weight: Transmitter module: 178 g / Receiver module: 177 g
- Signal output to up to 16 receiver units possible (additional fiber switch required)

Attributes

- HDTV Resolution max.: 1920 x 1080 Pixel, 60Hz
- HDTV Standard: Full HD
- Distance: 500 m
- KVM: no
- PoE (Power over Ethernet): no
- Transmission technology: Fiber
- Video connection ports: HDMI

Package contents

- 1x Transmitter module
- 1x Receiver module
- 2x IR connection cables
- 2x Power supplies
- 1x Manual

Logistics

	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	10	8.80	27.00	38.00	42.00	43,092.00
Packaging Unit Inside	1	0.88	17.60	24.00	8.00	3,379.20
Packaging Unit Single	1	0.88	17.60	24.00	8.00	3,379.20
Net single without Packaging	1	0.36	8.20	13.80	2.40	0.00

More images:



Safety notes

- When plugging and unplugging the cable, only grasp the plug and do not pull directly on the cable.
- Cables must not be kinked sharply or bent at tight angles, as this can damage the inner wires and lead to failures.
- Make sure that the cables are not under tensile load, as this can damage the insulation and the wires inside the cable.
- Ensure that cables are not laid in areas where they can be easily damaged mechanically.
- Cables should not be used in environments with extremely high or very low temperatures. Observe the product information on the maximum operating temperature of the cable
- Check cables regularly for visible damage such as cracks, kinks or signs of wear. Defective cables should be replaced immediately to avoid failures, short circuits or even electric shocks.

EU responsible person

EU based economic operator ensuring the product complies with the required regulations.

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