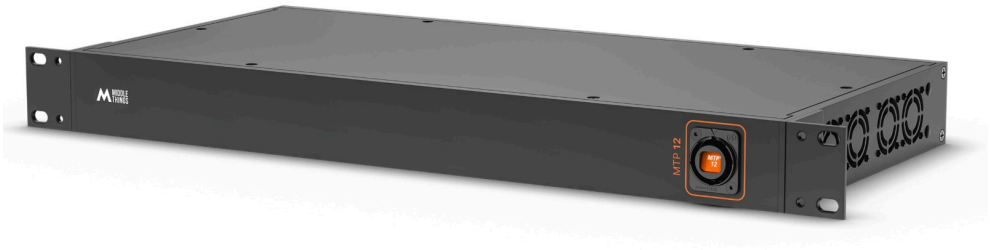


Fiber Unite 5 12G

Built for on-location multi-camera workflows, the Fiber Unite 5 converts 5 pairs of SDI In/Out 4K video signals + a LAN connection into a single 12-channel optical cable: Neutrik opticalCON MTP® 12.

Description

11 cables merged into one

Pulling many cable drums from the control room to the stage is time-consuming. With the Fiber Unite 5 you can merge up to 5 pairs of 4K SDI In / Out signals + a LAN connection into one single 12-channel MTP® 12 fiber cable. The other end of the MTP® 12 cable can connect to either:

- Another Fiber Unite 5, which will de-merge back into 5 SDI In/Out pairs + LAN.
- A Fiber Bridge 5, which will split it into 5 OpticalCON Duo connectors usable with Fiber Camera Boxes — effectively acting as an intermediate stage box.

A multi-channel optical cable is lighter and much more reliable than copper BNC — insensitive to electromagnetic interference. Run your fiber cable over thousands of metres with zero dropouts.

Standard 1U rack design

A compact 1U rack design fits perfectly inside your existing video rack, letting you connect up to 5 cameras to a Fiber Bridge or another Fiber Unite module through a single cable. Built-in fans ensure proper cooling.

Rugged fiber connector

The opticalCON MTP® 12 connector makes the Unite compatible with the rugged opticalCON MTP® 12 cable drums by Neutrik, designed for field use and tough handling. The connector has a built-in automatic shutter that protects the 12 fiber cores as soon as the cable is disconnected.

Many possibilities with the Middle Fiber products

Paired with a Fiber Dispatch or a Fiber Bridge, the Fiber Unite 5 unlocks many configurations that will greatly improve your day-to-day multi-camera workflow.

Technical specifications

SKU	MT-FIB5XUNITE12G
EAN-13	3770018577401
I/O connections	5× SDI In, 5× SDI Out, 1× Neutrik opticalCON MTP® 12, 1× LAN, AC power
Input voltage	85–264 V AC
Fiber type	Single Mode
LAN support	10 / 100 / 1000 Mbps, full or half duplex
Height	4.5 cm / 1.8 in
Width	48 cm / 18.9 in
Depth	22.5 cm / 8.9 in
Weight	2.5 kg / 5.5 lbs
Storage temperature	–10 to 60 °C / 14 to 140 °F
Package weight	3 kg / 6.6 lb
Box dimensions (LxWxH)	52 × 25 × 8 cm · 20.5″ × 9.84″ × 3.15″

In the Box

- 1x 1U Fiber Unite 5 12G

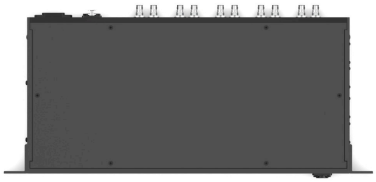
Compatibility

The Fiber Unite 5 can be used with the following:

- Middle Things Fiber Unite 5 12G (another Unite 5)
- Middle Things Fiber Bridge 5

Supports opticalCON MTP® 12 cables. Supported SDI video signals are 3G, 6G, and 12G (max 2160p60).

Warranty

Limited 1-Year Manufacturer Warranty

Product photos