Fiberlink 2

High-quality fiber optic cable for data transmission over long distances (up to 5000m)

Barco Fiberlink2 adds fiber-optic technology to your visualisation solution for guaranteed quality of the final picture with a reach up to 5000m (16404 ft). Fiberlink2 is a high-quality fiber optic cable that is ideally suited to send a high density stream of data over long distances. To guarantee image quality over long distances, Barco's Fiberlink2 is your best choice.

Barco offers two different fiberlink systems: · one for shorter distances up to 300m (984 ft), based on a multimode optical fiber
· one for longer distances up to 5000m (16404 ft), based on a single mode optical fiber

Please note that the fiber-optic cables used with the Fiberlink1, are 100% compatible with Fiberlink2 (Single Mode as well as Multimode).

Fiberlink2 offers a more compact, mechanically improved design for the receiver. The transmitter system consists of a base unit with three modular inputs. There are two types of inputs available (single mode and multimode).

Both versions of input cards can be used together in one base unit (up to three in total). Fiberlink2 replaces the existing Fiberlink1 solution.

Technical specifications

Reach	Multimode up to 500 m (984 ft) Single Mode up to 5000 m (16404 ft)
Transmitter	• 19 inch rack compatible base unit (1U height) • Modulair fiber channel system. Up to three channels per base unit. • Auto ranging power supply between 90 and 132 volt and between 180 and 264 volt (50-60 Hz). • Operating Temperature 0 - 40°C (32 - 104°F). • Controlled and configured via control software (e.g. XLite toolset or Director toolset). • Built in user interface to control most basic functionality. • Built in pattern generator. • DVI-D input per transmitter unit. • No frame delay. • Supports RS422 communication up to 115200 baud (9600 baud on Fiberlink I). • Field upgradeable over TCP/IP or USB (USB-B). • Power cosumption base unit: 50 watt maximum. • Built in fiber test ("ping"). • Optical transceiver with robust LEMO® connectors.
Receiver	• Auto ranging power supply 190-264 volt (50-60 Hz). • Operating Temperature -20 - 50°C (-4 - 122°F). • Compact receiver unit sheltered in an IP65 rated housing. • Controlled and configured via control software (e.g. XLite toolset or Director toolset). • Built in pattern generator. • No frame delay. • Supports RS422 communication up to 115200 baud (9600 baud on Fiberlink I). • Field upgradeable over TCP/IP or USB (USB-B). • Power consumption receiver unit: 50 watt maximum. • Built in fiber test ("ping"). • Optical transceiver with robust LEMO® connectors.