

1-Fiber Detachable DVI Extender, DVFX-110



Descriptions

Opticis new 1-fiber series is leading the trends in broad range of applications. Detachable DVI Extender, **DVFX-110** is easy to connect to your existing system, giving you and your customers the confidence that you have the best solution in the market.

DVFX-110 is capable of driving uncompressed WUXGA (1920x1200) 60Hz DVI signal up to 1,500m (4,920ft) over one (1) single-mode or 500 meters (1,640ft) over multi-mode fiber.

For better installation flexibility, it features patent pending Auto-EDID management, reading and restoring by just plugging to the display.

The key features of **DVFX-110** is, by using an optical passive splitter (OPS-116S), one(1) signal from transmitter can be copied up to 16 times and it gives you a cost effective and space saving installation for various application.

The OPTICIS **DVFX-110** is certified with IEC60601-1-2, FCC/CE and Class 1 Eye LASER Safety.

The Opticis 1-fiber detachable DVI extenders, **DVFX-100**, is sure to advance the connectivity solution to new heights, with some fundamental features that will be of great benefit in technology and cost to industry participants.

Key Features

- Supports up to **WUXGA (1920x1200) @60Hz**.
- Supports bit rate up to **1.62Gbps/ch**.
- Transmits signal up to **1,500m (4,920ft) over Single-mode fiber** or **500m (1,640ft) over Multi-mode fiber**.
- Expands **one (1) signal up to 16 times** with optical passive splitter (OPS-116S).
- Provides **Self-EDID** function.
- Supports wide operating temp. range, **0-50 degree**.
- Terminated by **SC connector**.
- Provides **Power, LD** (signal transmission) and **SD** (Signal detection) Indicators.
- Size (WDH): 39 x 68 x 14.6mm
Certifications: UL/EN 60601-1, 60601-2, FCC/CE, Class 1 LASER Eye Safety.
- Supports **Auto-power switching** function.

Applications

- Medical imaging system
- Video wall system
- Digital signage
- Military / Aerospace

Vertrieb durch / Distribution by

HY-LINE[®]

COMPUTER COMPONENTS

Inselkammerstr. 10
D-82008 Unterhaching
Tel.: +49 89 614 503 40
www.hy-line.de

1-Fiber Detachable DVI Extender, DVFX-110

Technical Features

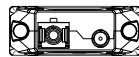
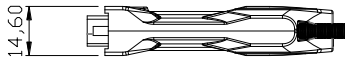
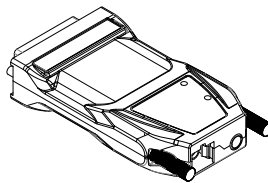
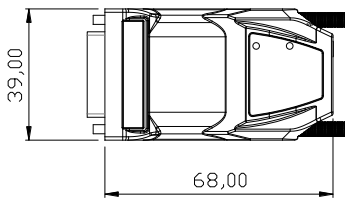
Resolution	WUXGA @60Hz
PER (500m)	< 10 at UXGA@60Hz
Bit rate	1.65Gbps / Ch
Self-EDID	Yes
Auto-power switching	Yes
Indicators	Power (Both), LD (Tx), SD (Rx)

Optical

Fiber Type	Single-mode, Multi-mode
Number of Fiber	1
Output Connector	SC
Distance	1,500m (4,920ft) over Single-mode fiber, 500m (1,640ft) over Multi-mode fiber
Splitting	Up to 16-channel by optical passive splitter, OPS-116S

Drawing Dimension [mm]

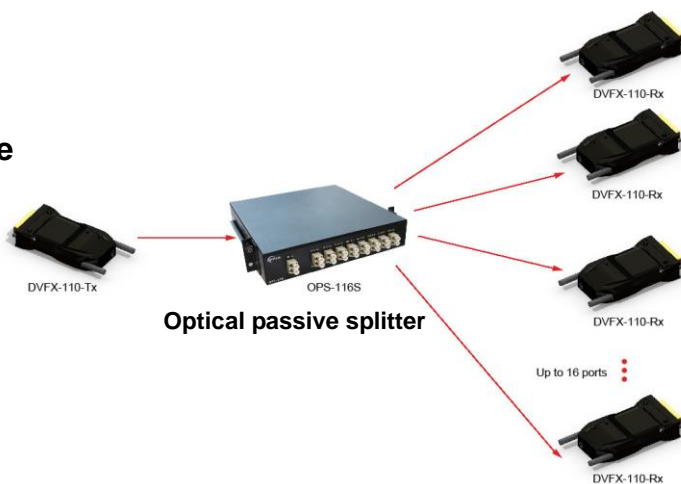
(WDH) 39 x 68 x 14.6 (mm)



Physical

Dimension	39 x 68 x 14.6 (mm) (WDH)
Power Level	100-240VAC, 50-60Hz 5VDC @2A
Operating Temperature	0 ~ 50°C
Humidity	10 to 85% RH, non-condensing

Installation Example



OPTICIS HQ

Opticis Co., Ltd.
16Fl, Kins Tower
8 Sungnam-daero, 331 beon-gil,
Bundang-gu,
Seongnam-si, Gyunggi-do, 13558
South Korea
Tel: +82 (31) 719-8033
Fax: +82 (31) 719-8032
tosales@opticis.com



Vertrieb durch / Distribution by
HY-LINE[®]
COMPUTER COMPONENTS
Inselkammerstr. 10
D-82008 Unterhaching
Tel.: +49 89 614 503 40
www.hy-line.de