

12-SDI to Single-Mode LC Fiber Transmitter

Ref. EXT-12G-OPT-TX

High performance 12G/6G/3G/HD/SD-SDI optical transmitter allowing the transport of 4K60 4:2:2 10-bit signals over distances up to 20km using a single-mode fiber optic cable



12G-SDI
BNC
input

LC single-
mode
output

4K60
4:2:2
10-bit

up to 20
kms
(12.4 mi)

Overview

The **EXT-12G-OPT-TX** is a high performance 1-channel 12G/6G/3G/HD/SD-SDI optical transmitter. It allows the transport of signal up to 4K60 4:2:2 10-bit over distances up to 20km using a single-mode fiber optic cable. The **EXT-12G-OPT-TX** comes with a compact, low profile enclosure, ideal for tight spaces behind equipment racks and on camera rig.

Key features

- ▶ 1x 4K60 input
 - ⇒ 12G-SDI full size input BNC connector (ref. SFP-12G-SDI-RX SFP+ module)
- ▶ 1x 4K60 output
 - ⇒ 12G-SDI single-mode LC fiber output (ref. SFP-12G-OPT-TR SFP+ module)
- ▶ Single-mode fiber: distance up to 20 kms (12.43 miles)
- ▶ Supports signals up to 4K60 10-bit 4:2:2
- ▶ Compatible with SD-SDI, HD-SDI, 3G-SDI (Level A & B), 6G-SDI and 12G-SDI
- ▶ Support video pathological test pattern up to 12G-SDI
- ▶ Compliant with HDR
- ▶ Supports up to 8 embedded audio channels (PCM)
- ▶ Power supply included

Dimensions

- ▶ W 1.77" x H 1.02" x D 2.95"
- ▶ L 45 mm x H 26 mm x P 75 mm

Weight without accessories

- ▶ 0.031 kg / 0.06 lbs

Shipping information

- ▶ shipped in a dedicated box

Operating conditions

- ▶ Temperature: 0 to 45°C (32 to 113°F)
- ▶ Humidity: 10% to 80%, non-condensing

Warranty

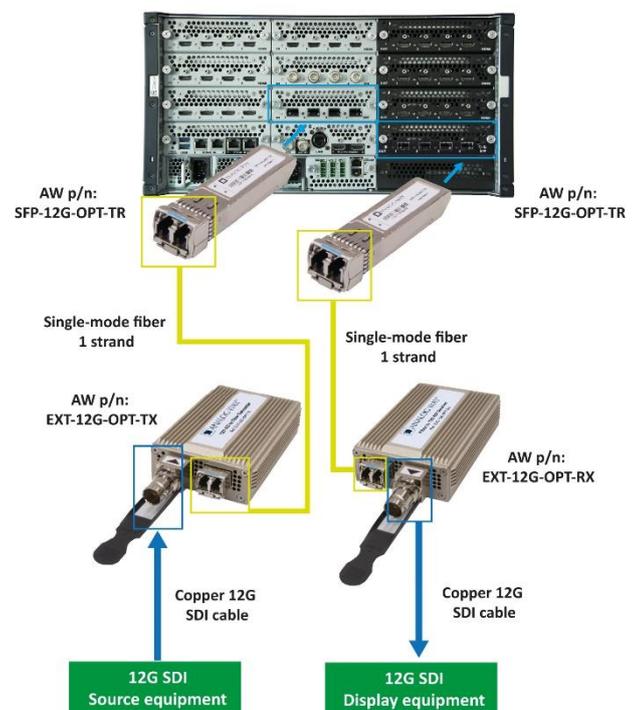
- ▶ 1-year warranty on parts and labor back to factory
- ▶ Broken connectors are not covered by warranty

Power supply

- ▶ External power supply provided
- ▶ 100-240 VAC, 3A 50/60Hz
- ▶ Max consumption: 6W

Safety Compliance

- ▶ Lead-free
- ▶ REACH and RoHS compliant
- ▶ Laser class 1



 Specifications subject to change without prior notice

EXT-12G-OPT-TX-EN-10/30/2020