

FIBER EXTENDER

12GSFE-TX/RX

12G-SDI | 4K60

Single Mode and Multi Mode



12GSFE-TX (Transmitter)

- LC Single/Multi Mode Output (SFP)
- 12G-SDI Loopout
- USB Powered – 5V, 1.7W

12GSFE-RX (Receiver)

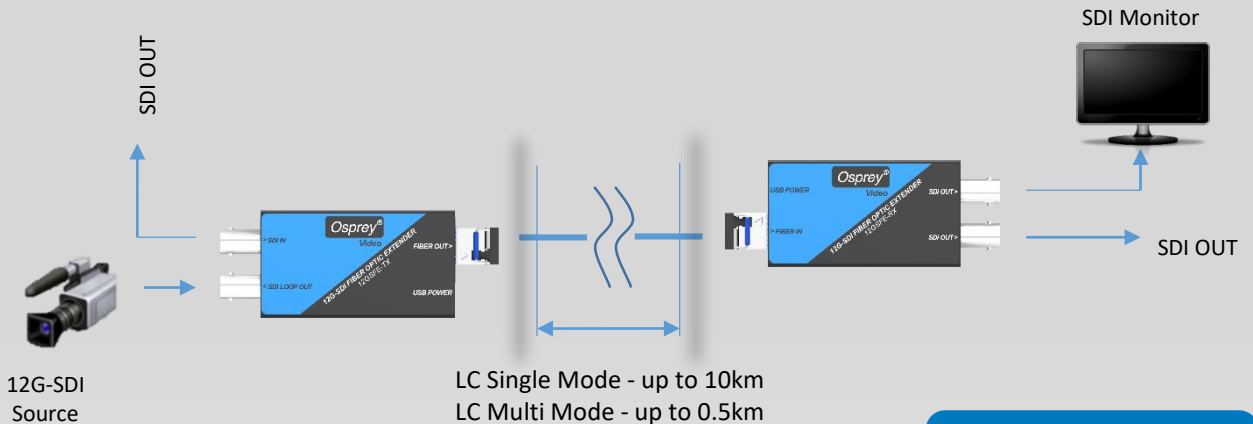
- LC Single/Multi Mode Input (SFP)
- Dual Reclocking 12G-SDI
- USB Powered – 5V, 1.7W

Tech Specs

- 3G-SDI Level A/ B
- Optical Wavelength: 1310nm
- Optical Transmit Power: -4dBm
- Receiver Sensitivity: -12dBm
- Optical Compliance: SMPTE 297M 2006
- 10km Range at 12G (4KP60) – Single Mode
- 0.5km Range at 12G (4KP60) – Multi Mode
- SDI Compliance: SMPTE 2081, 2082, 274M, 259M, 292M, 296M, 424M, BT.656, BT.601
- Supports 32 Audio Channels
- Color Space YUV, RGB

Common Specs

- Dimensions: 71 x 41 x 23mm
- Weight: 2x 0.2kg
- Operating Temperature: -20C ~ 60C
- Warranty: 2 Years
- In the Box: Transmitter, Receiver, Mounting Brackets, Micro USB Cables, Power Adaptors



LC Single Mode - up to 10km
LC Multi Mode - up to 0.5km

Transmission Distance based on OM4 Fiber



FIBER EXTENDER

3GSFE-TX/RX

3G-SDI Level A / B Single Mode and Multi Mode



3GSFE-TX (Transmitter)

- LC Single/Multi Mode Output (SFP)
- 3G-SDI Loopout
- USB Powered – 5V, 1.5W

3GSFE-RX (Receiver)

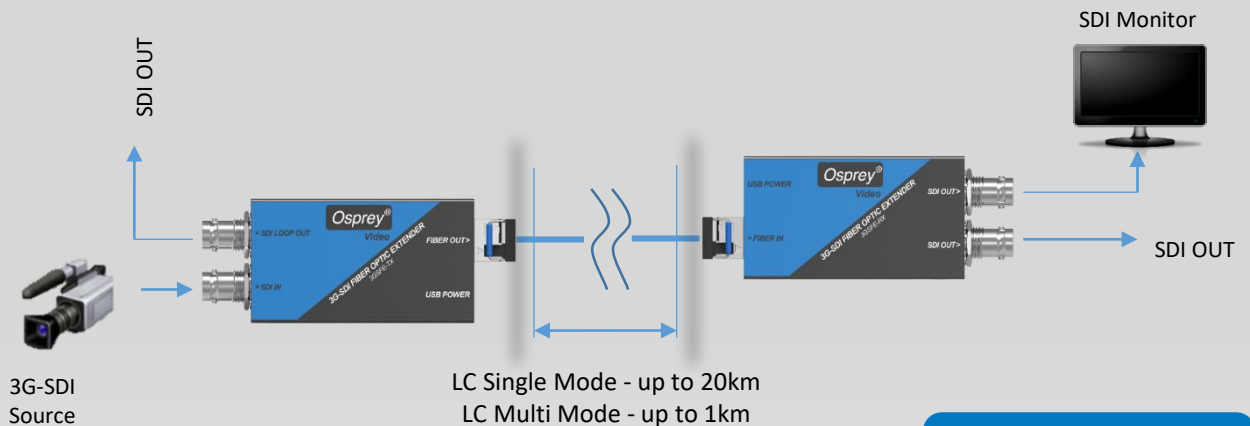
- LC Single/Multi Mode Input (SFP)
- Dual Reclocking 3G-SDI
- USB Powered – 5V, 1.5W

Tech Specs

- 3G-SDI Level A/ B
- Optical Wavelength: 1490nm
- Optical Transmit Power: -6 ~ 0dBm
- Receiver Sensitivity: -22dBm
- Optical Compliance: SMPTE 297M 2006
- 20km Range at 3G (1080P60) – Single Mode
- 1km Range at 3G (1080P60) – Multi Mode
- SDI Compliance: SMPTE 259M, 292M, 424M, 296M, 274M, 425M, ITU-R BT.656 / BT.601
- Supports 16 Audio Channels
- Color Space YUV, RGB

Common Specs

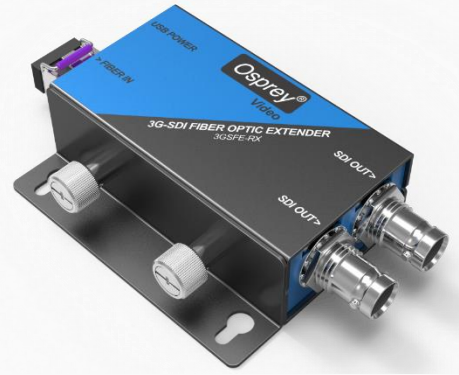
- Dimensions: 71 x 41 x 23mm
- Weight: 2x 0.2kg
- Operating Temperature: -20C ~ 60C
- Warranty: 2 Years
- In the Box: Transmitter, Receiver, Mounting Brackets, Micro USB Cables, Power Adaptors



Transmission Distance based on OM4 Fiber



Common Technical Specifications



Operating Temp Range

- -20 to + 60 C

Non-Operating Temp Range

- -40 to +75 C

Relative Humidity Operating

- Between 5% and 80% (noncondensing)

Relative Humidity Non-Operating

- 95% RH (non-condensing); gradient 30% per hour

Operating Altitude Range

- 0 to 3,048 meters (10,000 feet)

Non-Operating Altitude Range

- 0 to 15,240 meters (50,000 feet)

Warranty

- 2 Years

Compliance

- CE, FCC, ROHS, WEEE

In the box

- Transmitter and Receiver
- Mounting Brackets
- USB Power Supplies
- USB Power Cables