

# 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)

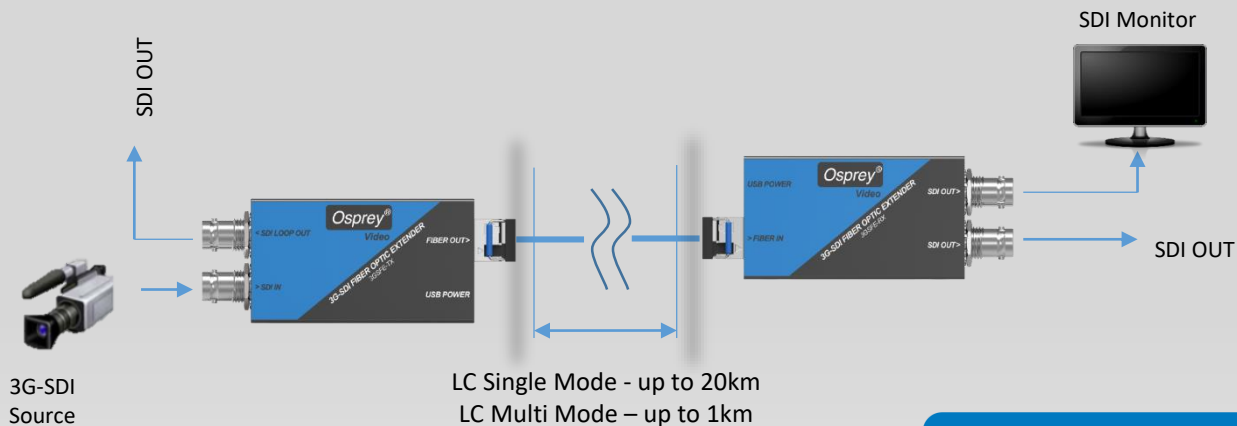
- LC Single/Multi Mode Input (SFP)
- Dual Reclocking 3G-SDI
- USB Powered – 5V, 1.5W

### 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
- Color Space YUV, RGB

### Common Specs

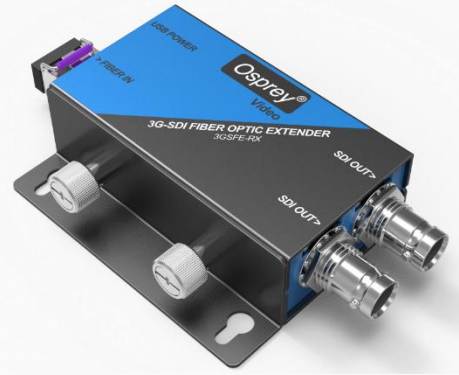
- Dimensions: 71 x 41 x 23mm
- Weight: 2x 0.2kg
- Operating Temperature: -20C ~ 60C
- Warranty: 2 Years
- In the Box: Transmitter, Receiver, Mounting Brackets, Micro USB Cables, Power Adaptors



Transmission Distance based on OM4 Fiber



# Technical Specifications



## Operating Temp Range

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- -20 to + 60 C

## Non-Operating Temp Range

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- -40 to +75 C

## Relative Humidity Operating

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- Between 5% and 80% (noncondensing)

## Relative Humidity Non-Operating

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

## Operating Altitude Range

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

## Non-Operating Altitude Range

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

## Warranty

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- 2 Years

## Compliance

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- CE, FCC, ROHS, WEEE

## In the box

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