

TWELVETXRX

Bidirectional 12G-SDI Optical Fiber Converter

Transmit and receive 4K/UHD formats up to 2160p60 over fiber optic cable. The converter includes both equalizing and reclocking functions. The wide voltage input, and minimal power consumption allows for ease of integration and ability to lock the barrel connector in place. This small and lightweight module features rugged powder coated aluminum construction.

Video Interface

- 12G-SDI, 6G-SDI, 3G-SDI, HD-SDI, SD-SDI (auto switching)
- SMPTE 292M, 259M, 296M, 297M, 372M, 424M, 425M, 2081, 2082
- Supports AES10 multi-channel (MADI) audio

Video Format

- 4K/UHD 2160p 23.98/24/25/29.97/30/48/50/59.94/60
- 2K/HD 1080p 23.98/24/25/29.97/30/48/50/59.94/60
- 1080i 50/59.94/60
- 1080PsF 23.98/24/25/29.97/30
- 720p 23.98/24/25/29.97/30/48/50/59.94/60
- SD 525i/29.97 NTSC, 625i/25 PAL

Electrical

- Input 5-28 VDC
- Power 1.75W max

Mechanical

- Dimensions 3.77 x 1.75 x 0.86in (95.9 x 44.4 x 21.9mm)
- Weight 75g



Connections

(2) LC Singlemode Fiber
(eg. SRFBR-SMLCLC-50M)

12G Transceiver SFP
(eg. SRFBR-12G-TXRX)

(2) 12G-SDI Cable
(eg. SRCAB-12G-0000-3FT)

Power cable (eg. SRPWR-MDMBL)

