

TWELVETX

12G-SDI to 12G Optical Fiber Converter

Transmit SD, HD, and Ultra HD formats up to 2160p60 over optical fiber converting from SDI over coaxial cable. 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 1W max

Mechanical

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



Connections

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

12G Transmitter SFP
(eg. SRFBR-12G-TX)

Power cable (eg. SRPWR-MDMBL)

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

