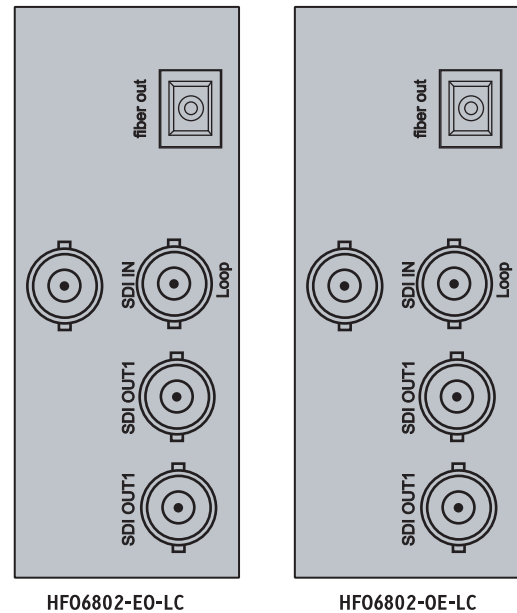


HFO6802-EO/OE-LC

The HFO6802-EO/OE-LC is an advanced reliable high-speed optical fiber transmission module, which features full digital, real-time, delay-less and high speed transmission. The transmission distance can reach about 100km (single mode fiber) /1km (multi mode fiber), and the quality meets broadcast standards. It supports unidirectional/bidirectional transmission through single/dual fiber. It is mainly applied to internal playout of TV stations, studios, programming, CATV front-end and other distance transmissions.



Features

- Compatible with SDI and ASI signal
- Auto sensing of HD-SDI, SD-SDI and ASI signal
- Supports SMPTE292M, SMPTE295M, SMPTE305 and SMPTE310
- 12 bit signal precision
- High-speed transmission rates: 19.4M-1.5Gbps
- Single mode fiber transmission, and the transmission distance can reach about 100km
- Supports single mode bi-directional

Specifications

Video Characteristics

Channel No.: 2Ch(Bi-directional)
 Signal Format: SMPTE292, SMPTE259M, SMPTE305 and SMPTE310
 Data Rate: 19.4M—1.5Gbps
 Resistance: 75Ω
 Return Loss: >15dB@1GHz
 SDI Signal Level: 800mV

Electrical Characteristics

Power Supply: 95-240VAC@0.6A

Optical Characteristics

Wavelength (Input/output): 850/1310/1550 nm
 Transmit Power: -3dBm
 Broadband Spectral: 3nm
 Received Power (Min): -30dBm
 Received Power (Max): -23dBm
 Baud Rate (Positive) : 1.5Gbps

Interface

Video: BNC
 Optical: FC/ST/SC

Environment Characteristics

Working Temperature: -20 C to +70 C
 Storage Temperature: -30 C to +80 C
 Weight: about 1.5Kg
 Humidity: 0% to 90%

Electromagnetic Compatibility

Radiation: EN50081-1, EN55022-B, CE, FCC
 Magnetic Susceptibility: EN50130-4, EN50082-1

**Specifications are subject to change without notice.*

Ordering Information

HFO6802-EO/OE-LC(40km)

HD-SDI Optical Transmitter/Receiver--- Bidirectional