

Patent Pending

EB12HD2R-MNR

12G/6G/3G/HD/SD-SDI UHD video SFP (emSFP) coaxial

Dual receiver, non-MSA, HD-BNC

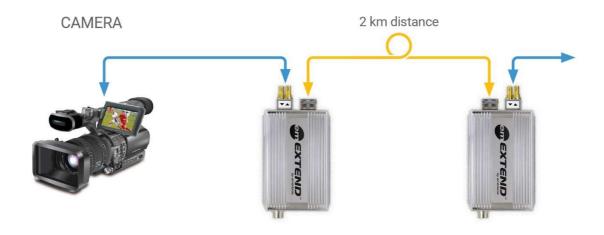
The video SFP (emSFP) EB12HD2R-MNR is a medium reach coaxial video SFP (emSFP) with built-in reclocker. This SFP (emSFP) is specifically designed to support pathological test patterns.

This SFP (emSFP) is designed to receive two SDI signals (12G/6G/3G/HD/SD-SDI) over 75ohms coaxial cables via HD-BNC connectors. The equalizer inside isSMPTE compliant video SFP (emSFP) features the DC restoration to compensate for the DC content of the SMPTE pathological test patterns.

Inside the SFP, one reclocker per channel suppress the accumulated jitter coming from the source. Each reclocker procures optimal jitter performance.



12G-SDI CONNECTIONS SOLUTION





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FEATURES

- ST-2082-1. ST2081-1, ST424, ST292, ST259 Compliant
- Supports video pathological patterns for SD-SDI, HD-SDI, 3G-SDI, 6G-SDI and 12G-SDI
- Control and monitoring via Serial interface:
 - Input Signal Detection
 - Voltage & Temperature Monitoring
 - Module Information
 - IO diagnostic
 - IO Configuration
- Power consumption TBD mW
- Single Supply +3.3V
- 56.6mm x 13.4mm x 8.6mm SFP package

BENEFITS

- High-density and future-proof architecture
- Superior jitter management and signal regeneration
- Saves costs by reducing power consumption and physical space;
- Accepts any I/O type while keeping your system design budget under control;
- Reduces development cost and risk;

ORDERING INFORMATION

EB12HD2R-MNR 12G-SDI Dual receiver
Http://www.embrionix.com/product/family/video-sfp-coaxial

For more information please contact sales@embrionix.com

12G-SDI DUAL RECEIVER

