

**Patent Pending** 

# EB12HD2T-MNR

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

Dual transmitter, non-MSA, HD-BNC

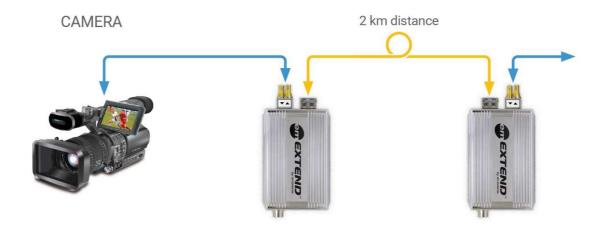
The video SFP (emSFP) EB12HD2T-MNR is a medium reach dual transmitter coaxial video SFP (emSFP) with built-in reclocker. This SFP (emSFP) is specifically designed to support pathological test patterns.

This SFP (emSFP) is designed to transmit two SDI signals (12G/6G/3G/HD/SD-SDI) over 75ohms coaxial cables via HD-BNC connectors. The cable drivers inside are SMPTE compliant video SFP (emSFP) automatically selects the slew rates in order to achieve compliance to SMPTE formats.

Inside the SFP, one reclocker per channel suppress the accumlated jitter coming from the source.



## 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

EB12HD2T-MNR 12G-SDI Dual transmitter

Http://www.embrionix.com/product/family/video-sfp-coaxial

For more information please contact sales@embrionix.com

## 12G-SDI DUAL TRANSMITTER

