

EB90HD2R-MNE-P

Hybrid video dual receiver emSFP

Reclocked, non-MSA

The Embrionix Hybrid Video emSFP family covers all rates from 3G-SDI down to DVB-ASI. The SFPs combines both optical/coaxial connectivity allowing for any type of port configuration.

The modules are available in dual receiver, dual transmitter, and distribution amplifier configurations.

The EB90HD2R-MNE-P is interchangeable with any others Non-MSA pinout optical, coaxial, SDI to IP or converter SFP improving product flexibility.

The SFP form factor provides quick time-to-market and reduced development effort and cost. The EB90HD2R-MNE-P is Pb-free and RoHS compliant.



HYBRID SDI SOLUTION



FEATURES

- ST424, ST292, ST259 Compliant
- Supports video pathological patterns for SD-SDI, HD-SDI and 3G-SDI
- Control and monitoring via Serial interface:
 - Input Signal Detection
 - Voltage & Temperature Monitoring
 - Module Information
 - IO diagnostic
 - IO Configuration
- Integrated reclocker
- Power consumption - 1200 mW
- Operating temperature 0 to 70C
- Single Supply +3.3V
- 56.6mm x 13.4mm x 8.6mm SFP package

BENEFITS

- Coaxial and optical maximize usage from a single SFP cage;
- Superior link budget performance compares to the ST-297 specification;
- 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

EB90HD2R-MNE-P Hybrid dual receiver
[Http://www.embrionix.com/product/family/video-sfp-hybrid](http://www.embrionix.com/product/family/video-sfp-hybrid)

For more information, please contact
sales@embrionix.com

HYBRID DUAL RECEIVER

