

# LIGHTBRiX

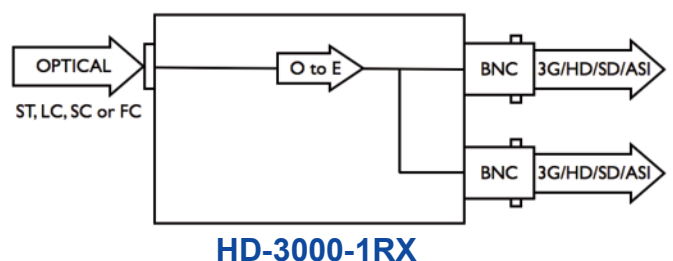
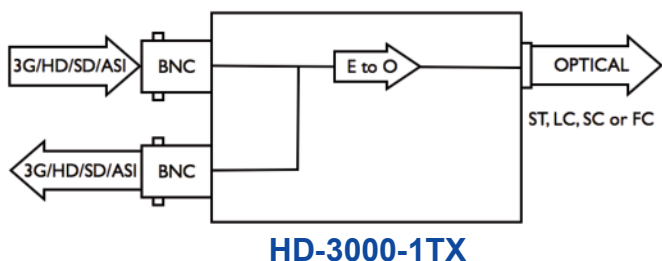
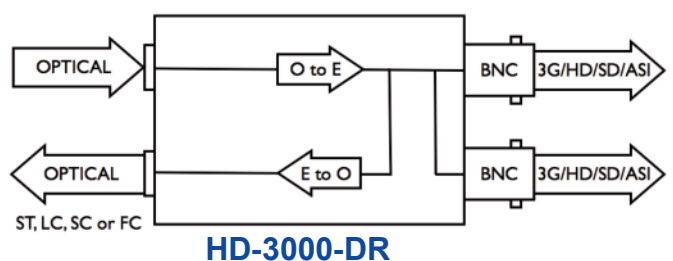
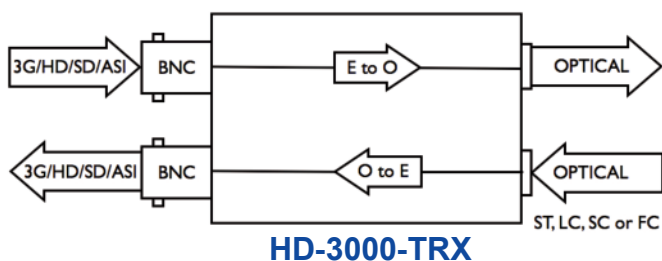
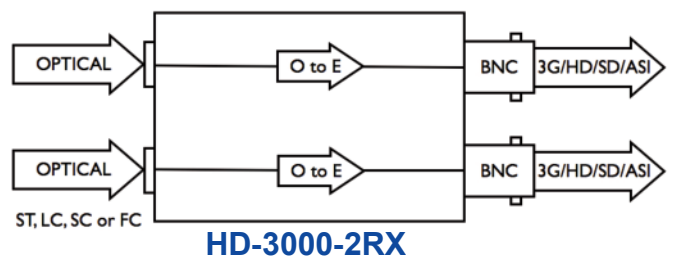
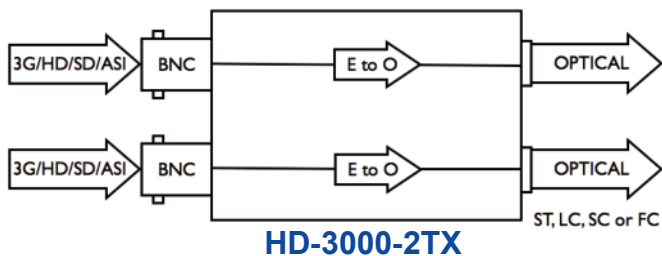
## HD-3000-II, DUAL HD

3G HD, HD-SDI, SDI & DVB/ASI  
MULTIRATE, FIBER OPTIC TRANSCIVER LINKS



### SUMMARY

The HD-3000-II, the next generation of the HD-3000, is an economic solution designed for transmission of Dual 3G/HD/SD/ASI TV signals over fiber optic cable. Stand alone or rack mount configurations simplify mounting. Below are all the inter-operable versions of the HD-3000-II. With an OLED display and menu driven configuration, the HD-3000-II is a far superior and more versatile solution to so many competitors. All at a very aggressive price point.



### CONTACT

1-(800)-4TV-TEST (US and Canada)  
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1-(516)-671-7278  
FAX 1-(516)-671-3362



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E-Mail: sales@multidyne.com  
Web Site: www.multidyne.com

## FEATURES

- Fiber optic transport of 5 Mbps to 3 Gbps HDTV signals.
- Supports the SMPTE 424M 1080p 3 Gbps HD-SDI standard.
- Supports the SMPTE 292M 1.485 Gbps standard.
- Supports the SMPTE 259M 270Mbps standard.
- Supports the SMPTE 310M 19.4Mbps, M2S or DVB-ASI 270Mbps, SMPTE 344M 540Mbps and SMPTE 305M SDTi rates.
- Supports embedded audio and data. Audio and data must be embedded externally.
- Loop-through Input; Equalized, Re-clocked and Buffered.
- Dual Re-clocked Outputs.
- Stand-alone unit ideal as a Throw Down for Field Applications.

## SPECIFICATIONS

- Rack-mountable with Optional –RM6.
- 6 Units will mount in 1 Rack-Unit.
- Singlemode link distance greater than 10KM at 3 Gbps, 20KM at 1.5 Gbps and 35KM at 270 Mbps.
- Multimode operation typically more than 1000 meters at 1.5G.
- Small rugged portable configuration.
- Available with ST, SC, LC or FC optical connectors.
- Error free pathological pattern operation.
- External Battery operation from 9 to 24 VDC.
- Wall-mount power supply included, 12 VDC.

## SPECIFICATIONS

HD-3000-II 3 Gbps, Multirate, Serial Digital Video Fiber Optic Transmitter

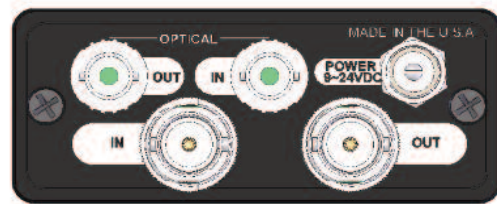
- Unit I/Os:
  - One or Two coaxial input,
  - One re-clocked loop-through, depending on model
  - One or two fiber optic output
  - One 9-24 VDC power port.
- OLED display for Data Rate, HD, Lock and Power
- Menu navigation for setup and configuration.

Input: Type: BNC. Impedance: 75 Ohms. Return Loss: >15dB up to 2.97GHz. Output: 1 BNC Re-clocked Loop-through Output. Fiber Output: Type: ST, SC, LC or FC. Wavelength: 1310 Singlemode or Multimode. Power: -3 dBm

HD-3000-II 3 Gbps, Multirate, Serial Digital Video Fiber Optic Receiver

- Unit I/Os:
  - One or Two fiber optic input
  - One or Two re-clocked coaxial outputs
  - One 9 – 24 VDC power port.
- OLED display for Data Rate, HD, Lock and Power
- Menu navigation for setup and configuration.

Specifications: Fiber Input: Type: ST, SC, LC or FC. Wavelength: 1310nm. Sensitivity: -20 dBm. Output: Type: 2 BNC. Return loss: >15dB up to 2.97GMHz.



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