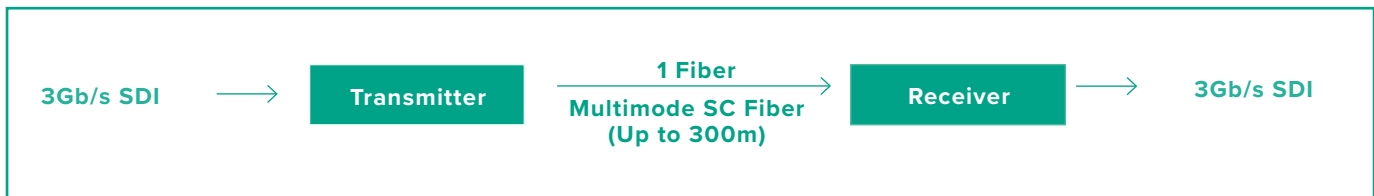
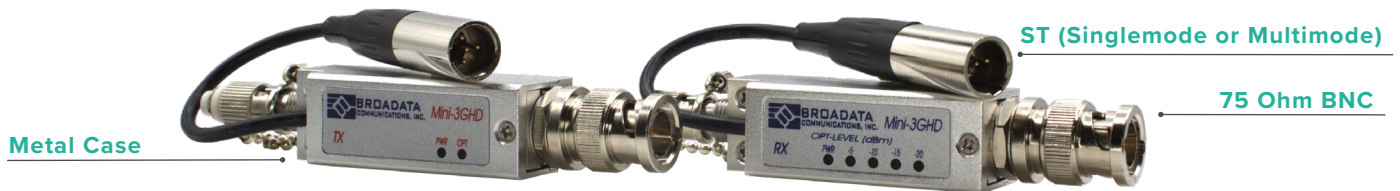


Mini Fiber Optic 3G-HD SDI Video Transmission System 1-SMF-ST and 1-MMF-ST

Mini-3GHD-T-MS-ST / Mini-3GHD-R-MS-ST



OVERVIEW

The Mini-3GHD is a miniature, Fiber Optic 3Gb/s SDI Digital Video Transport System, supports 1080p 3Gbps SDI video formats. The standard Mini-3GHD system is designed to transport one (1) channel SMPTE-424M 3Gb/s SDI, SMPTE-292M HD-SDI or SMPTE-259M SDI serial digital video signal over long distance through either singlemode or multimode fiber. No user adjustments are required in the Mini-3GHD system to enable quick deployment and trouble-free operations. The Mini 3GHD supports SDI, DVB-ASI, HD-SDI, 3G-SDI, and many other video formats. The power connector has a latch-locking mechanism, to ensure you will experience no power disruptions. Panel connectors are provided for digital video (BNC connector) and fiber connection (ST-type for the singlemode and multimode version). Rackmount card chassis option is also available.

FEATURES

- Transport Multi-rate HD-SDI Digital Video Over Fiber
- Reliable Transmission Over Multimode or Singlemode Fiber
- Video Pathological Test Code Compliant
- Latch-Locking Power Connector
- Same Model Compatible for either
- Multimode or Singlemode Fiber

VIDEO SPECIFICATIONS

Signal Format	SMPTE-424M 3Gb/s SDI SMPTE-292M HD-SDI or SMPTE-259M SDI Digital Video and many others
Data Rate	3Gbp/s
Signal Level	800mVp p +/- 10%
Connector	75Ohm BNC

OPTICAL

Fiber Type	Singlemode or Multimode
Number of Fibers	1
Connector	ST (Singlemode or Multimode)
Distance*	
Singlemode Fiber	30Km
Multimode Fiber	300m

* Actual distance may vary- the maximum coverage may be greater than these typical numbers depending on fiber type, fiber bandwidth, connector splicing losses, chromatic dispersion, environmental factors, etc.

PHYSICAL

Dimensions	0.75" x 0.65" x2"
Power Level	+5~16V DC, 1.5W/Each
Operating Temperature	0 to +50°C
Humidity	0 to95% RH, non-condensing

CERTIFICATIONS

CE, FCC

GREEN COMPLIANCE

RoHS

ORDER INFORMATION

Mini-3GHD-T-MS-ST	Mini Fiber Optic 3G HD-SDI Video Transmitter- SMF or MMF, 1-Fiber
Mini-3GHD-R-MS-ST	Mini Fiber Optic 3G HD-SDI Video Receiver- SMF or MMF, 1-Fiber
Mini-3GHD-T/R-MS-ST	Mini Fiber Optic 3G HD-SDI Video Transmission System- SMF or MMF, 1-Fiber

PANEL DRAWING

