

Fibre 4TV 3G Link

Mini 3G HD/SDI Transmitter and Receiver

Mini HD/SDI modules are miniature fibre optic serial digital video transmission modules that offer the industry's broadest range of digital rates while maintaining the signal quality that broadcasters demand. No matter what your format, the modules allow you to transmit:

- SMPTE 424M/297M (1080p -- 2.97Gbps)
- SMPTE 292M/297M (HDTV -- 1.485Gbps)
- SMPTE 259M/297M (SDTV -- 270/360Mbps)

The transmitter accepts a 75ohm coaxial input and converts it into an optical stream via a standard ST connector. The receiver unit reconverts the uncompressed signal back to BNC output.



At just three inches in length, these tiny modules can be deployed almost anywhere. The transmitter modules include equalization for long lengths of coaxial cable, so you can use them at nearly any point in your HD/SDI chain. Both the transmitter and receiver modules include LED indicators to display Power On, HD/SDI signal presence and Received Optical Power levels. These provide critical system diagnostic information at a glance without a need for additional test equipment, such as an optical power meter.

FEATURES

- Portable, lightweight units
- Reliable, efficient
- Quick, easy installation
- LED indicators show you:
 - Power on
 - HD/SDI data presence
 - RX Optical power levels
- 19.4 Mbps to 3 Gbps
- SMPTE 424M/297M compliant
- SMPTE 292M/259M/297M compatible
- Supports embedded audio
- Up to 30 km distance
- Low system jitter
- Power from 5-16 VDC
- Digital diagnostic function
- High durability design
- Class 1 FDA and IEC60825-1 Laser Safety Compliant



The modules use their own power supply or accept any DC voltage from 5 to 16 volt. No vulnerable power dongles to break off. This jack also includes provisions for SNMP monitoring.



APPLICATIONS

- Sports tele-production
 - Golf
 - Skiing
 - racing, etc.
- Remote camera links
- Cross-town fibre links
- Cross-campus production
- Pre-fibered venues
- Courtesy feeds

Typical Application

