

FEATURES

- Multimode Short Haul (1310nm)
- Multimode to 7Km
- Compatible with V1672

TRANSMISSION OF 2
INDEPENDENT SDI AND/OR
DVB ASI SIGNALS OVER
FIBER OPTIC CABLE



The V1671 module provides transmission of 2 independent SDI and/or DVB ASI signals over Fiber Optic cable using Multimode LED transmitters. In conjunction with the V1672 Dual Receiver, it provides a cost-effective solution for digital links covering a wide range of applications and distances.

The unit can be mixed with other modules from the V1600 range to provide fully integrated solutions for the transmission of video and audio signals over distances that cannot be accomplished using standard co-axial cable.

Technical Specification

Serial Inputs (2)

| | |
|-------------|---|
| Format | Compatible with EBU Tech 3267/ANSI T14.223 formats |
| Connector | BNC |
| Impedance | 75 ohms |
| Return Loss | >15dB, 5-270MHz |
| Cable | 0-250m (Belden 8281) |
| Data rate | 270Mb/s |

Serial Outputs (1 per SDI input)

| | |
|---------------------|--------------------------|
| Connector | BNC |
| Impedance | 75 ohms |
| Return Loss | >15dB, 5-270MHz |
| Amplitude | 800mV p-p terminated |
| D.C. Offset | 0V +/-0.5V |
| Rise and Fall times | 0.75 - 1.5ns |
| Drive Capability | Up to 250m (Belden 8281) |

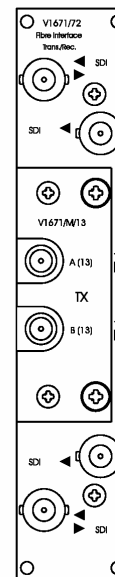
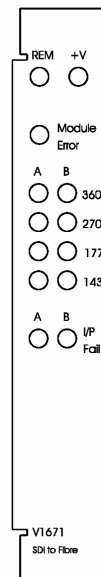
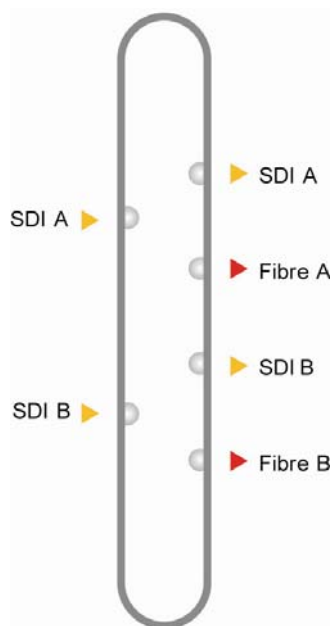
Optical Outputs (1 per SDI Input)

| | |
|--------------------------------|---|
| Transmitter | Short Haul LED |
| Connector | ST |
| Optical Wavelength | 1310nm typical (1280nm min. - 1380nm max.) |
| Option / 13 | |
| Optical Power Output (avg.) | -14dB |
| Recommended Cable | Multimode |

Ordering Information

| | |
|-------|---|
| V1671 | Dual SDI/ASI to Multimode Fiber Transmitter - Short Haul (1310nm) |
|-------|---|

All Fiber Optic Modules are supplied with the correct rear connector module. Please specify if they are required for 1RU or 3RU frames.



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