

FEATURES

- ST optical connectors
- Optical wavelength 1270nm to 1600nm
- 13dB link budget with V1671
- Up to 7km range with V1671

EXTRACTION OF SDI SIGNALS FROM MULTIMODE FIBRE OPTIC CABLE



The V1672 module has 2 independent receiver modules for extraction of SDI signals from multimode fibre optic cable over distances of up to 70km. The V1672, in conjunction with the V1671, provides a low cost solution for digital links within the studio and between studio sites. It is equally well suited to outside broadcast applications. The unit can be mixed with other modules from the V1600 range to provide fully integrated solutions for the reception of video and audio signals over distances that cannot be accomplished using standard co-axial cable.

V1672

Dual Fibre to SDI Receiver

Technical Specification

Optical Inputs

Connector	ST
Receiver	Moulded-Optotronic Module
Data Rate (NRZ)	0 - 270Mb/s
Optical Input (avg.)	-29dBm to -14dBm
Optical Wavelength	1270nm - 1600nm
Pulse Width Distortion	0.4ns max
Data Dependent Jitter	0.8ns max

Serial Outputs (4 - 2 per Fibre input)

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

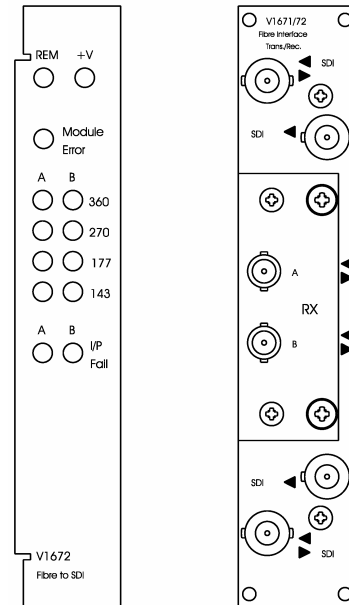
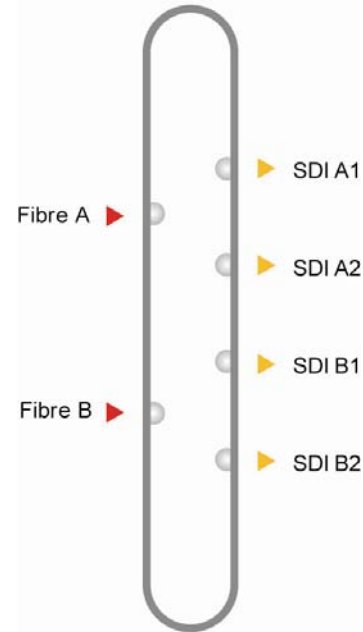
Ordering Information

V1672	Dual Fibre to SDI Receiver
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All Pro-Bel's quoted prices for interface modules include the supply of one suitable rear module. Please specify the type required when placing an order

V16FR1B	1RU
V16FR3B	3RU

Note: Special versions of rear module are available on request.



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