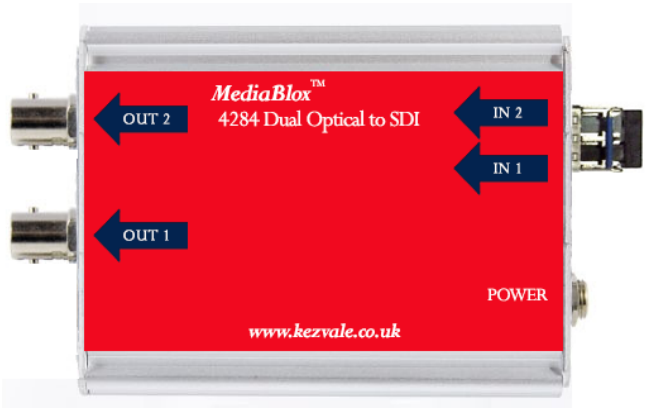
MediaBlox™
4284 Dual Optical to SDI Converter

KEZVALE LTD
Broadcast Equipment Manufacturers for Over 40 Years



Description

Dual Optical Fibre to SDI converter, supports SD, HD & 3G SDI, DVB/ASI 270Mbps.

Supports data rates from 50Mbps to 3Gbps.

It is housed in an extremely compact and rugged aluminium case ideally suited to both studio and portable applications.

Features

- Multi-rate reclocking with automatic rate detection and automatic bypass for non SDI data rates
- LEDs display power and SDI lock status
- Wide input voltage range 6-12VDC
- Locking DC jack
- Optical inputs on female LC connectors
- 1260-1620nm Wavelength
- Use in conjunction with 4282 for a complete dual fibre transmit/receive system

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Specifications

Standards	SMPTE 297M, SMPTE 259M, SMPTE 292, SMPTE 424M, DVB-ASI
Connector	75Ω BNC
Data Rate	50Mbps – 3Gbps
Signal Level	800mV$_{p-p}$ ±10%
Return loss	>15dB to 1.5 GHz, >10dB 1.5GHz-3GHz
Wavelength	1260-1620mm
Sensitivity	–23dBm typ.
Photodiode Type	PIN
Fibre Type	Single Mode

Power	
Voltage	6-12V DC
Indicators	Power & SDI lock
Other	
Dimensions	63.5mm x 84mm x 30mm (excluding connectors)
Weight	145G

Ordering information

4284 Dual Optical to SDI Converter
4010 1U rack mounting frame for up to 5 units including PSU
4006 Desktop power supply with IEC320 C14 inlet

We reserve the right to change technical specifications without prior notice. E&OE.