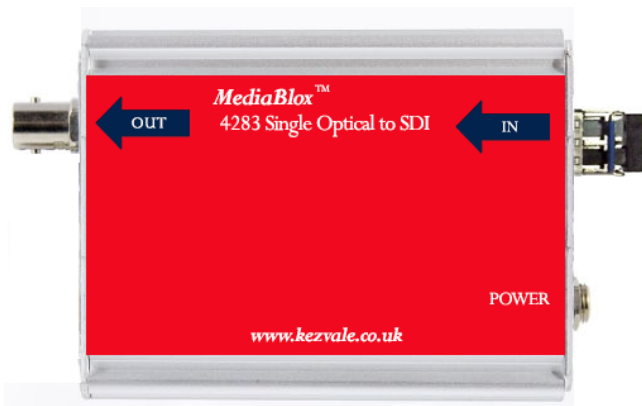


# MediaBlox™

## 4283 Single Optical to SDI Converter



### Features

- Up to 30km single mode fibre, 10km under worst case conditions and 3G pathological pattern
- Supports data rates from 50Mbps to 3Gbps
- Multi-rate reclocking with automatic rate detection and automatic bypass for non SDI data rates
- LEDs display power and optical receive strength
- Wide input voltage range 6-12VDC
- Locking DC jack
- Optical input on female LC connector
- 1260-1620nm Wavelength
- Use in conjunction with 4281 for a complete fibre transmit/receive system

### Description

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

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

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### Specifications

Standards	SMPTE 297M, SMPTE 259M, SMPTE 292, SMPTE 424M, DVB-ASI	<b>Power</b>	
Connector	75Ω BNC	Voltage	6-12V DC
Data Rate	50Mbps – 3Gbps	Indicators	Power & SDI lock
Signal Level	800mV <sub>p-p</sub> ±10%	<b>Other</b>	
Return loss	>15dB to 1.5 GHz, >10dB 1.5GHz-3GHz	Dimensions	63.5mm x 84mm x 30mm (excluding connectors)
Wavelength	1260-1620nm	Weight	145G
Sensitivity	-23dBm typ.		
Photodiode Type	PIN		
Fibre Type	Single Mode		

### Ordering information

4283 Single 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.

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