

DTL MiniBlox™



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.

www.miniblox.com

Specifications

Standards	SMPTE 297M, SMPTE 259M, SMPTE 292, SMPTE 424M, DVB-ASI	Power	
Connector	75Ω BNC	Voltage	6-12V DC
Data Rate	50Mbps – 3Gbps	Indicators	Power & SDI lock
Signal Level	800mV _{p-p} ±10%	Other	
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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