



Product: [1000BASE-BX-100-D](#) 

1G Downstream BiDi (100km) SFP Transceiver

Product Description

1G Ethernet Downstream Bi-Directional SFP transceiver with a typical reach of 100km

Technical Specifications

Product Overview

Part Number:	V30913-S113-A2
Form Factor:	SFP
Data Rate:	1G
Fiber Type - Typical Distance:	SM G.652/653/655 - 100km
Wavelength:	1514 nm (Tx) / 1506 nm (Rx))
Connector:	LC
Minimum Output Power (dBm):	1
Maximum Output Power (dBm):	6
Minimum Input Power (dBm):	-32
Maximum Input Power (dBm):	-7
Allowed Dispersion (ps/nm):	2000

Power requirements

Power consumption:	≤ 2W
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Software

Diagnostics:	Optical input and output power, transceiver temperature, optical wavelength
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Ambient conditions

MTBF:	844 Years
Operating Temperature Range:	-40°C to 85°C
Storage Temperature Range:	-30° to +75°C (-22° to 167°F)
Relative humidity (non-condensing):	0-95 %

Mechanical construction

Compatible XTran Product:	4-GO-LW, 4-GC-LW, 4-GCB-LW, 9-L3A-L, 9-L3EA-L, XTD-2110-A, XTR-2124-A, XTR-2124-AF, XTR-2124-B
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Approvals

Laser Protection:	class 1 according to IEC 825-1, IEC60825 and FDA 21 CFR 1040.10
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Reliability

Guarantee:	Standard 1 year (extension possible)
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Further Instructions

Product Documentation:	Available via Belden Solutions Portal site
Certificates:	Available via Belden Solutions Portal site

History

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