



Product: [C37.94 S1](#) 

C37.94 (15km) SFP Transceiver

Product Description

1G Ethernet SFP transceiver, compliant with C37.94 and a typical reach of 15km

Technical Specifications

Product Overview

Part Number:	V30913-S43-A2
Form Factor:	SFP
Data Rate:	1G
Fiber Type - Typical Distance:	SM G.652/653/655 - 15km
Wavelength:	1310 nm
Connector:	LC
Minimum Output Power (dBm):	-15
Maximum Output Power (dBm):	-8
Minimum Input Power (dBm):	-34
Maximum Input Power (dBm):	-3

Power requirements

Power consumption:	≤ 1W
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Software

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

MTBF:	372 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:	2-C37.94, E1 TDM Interface, 2-C37.94, T1 TDM Interface, 2-C37.94, E1 TDM Interface (Forced Power mode), 2-C37.94, T1 TDM Interface (Forced Power mode), 4-C37.94
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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

Update and Revision:	Revision Number: 0.21 Revision Date: 12-09-2025
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