



Product: [TSOP SMART SFP STM-1 \(S1\)](#) 

TSOP SMART SFP STM-1 (S1) - GbE

Product Description

SFP to transport STM-1/OC-3 transparent (S1 optic)

Technical Specifications

Product Overview

Part Number:	V30913-S38-A2
Form Factor:	SFP
Data Rate:	0.155 - 1G
Fiber Type - Typical Distance:	SM G.652 - 15km
Wavelength:	1310 nm
Connector:	LC
Minimum Output Power (dBm):	-15
Maximum Output Power (dBm):	-7
Minimum Input Power (dBm):	-28
Maximum Input Power (dBm):	-8
Allowed Dispersion (ps/nm):	96

Power requirements

Power consumption:	≤ 1.5W
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Software

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

MTBF:	764 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
Note:	Using the TSOP Smart SFP STM-1 (S1) in combination with the 4-GC(B)-LW interface card limits the ambient node temperature to a maximum of 50°C/122°F. In combination with the 4-GO-LW interface card, the Smart SFP is only allowed to be used in port 3 & 4. When only 1 smart SFP is used in combination with 4-GO-LW, ambient node temperature is limited to 50°C/122°F. When 2 smart SFPs are used in combination with 4-GO-LW, ambient node temperature is limited to 40°C/104°F.

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: 0.23 Revision Date: 12-09-2025
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