

**Product:** [1000BASE-SX](#) **1G SX SFP Transceiver**

Product Description

1G Ethernet SFP multimode transceiver

Technical Specifications

Product Overview

Part Number:	V30913-S1-A2
Form Factor:	SFP
Data Rate:	1G
Fiber Type - Typical Distance:	MM 62.5 - 220m, MM 62.5 (OM1) - 275m, MM 50 - 500m, MM 50 (OM2) - 550m, MM 50 (OM3) - 1km
Wavelength:	850 nm
Connector:	LC
Minimum Output Power (dBm):	-9.5
Maximum Output Power (dBm):	0
Minimum Input Power (dBm):	-17
Maximum Input Power (dBm):	0

Power requirements

Power consumption:	≤ 1W
--------------------	------

Software

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

Ambient conditions

MTBF:	657 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
---------------------------	--

Approvals

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

Reliability

Guarantee:	Standard 1 year (extension possible)
------------	--------------------------------------

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
----------------------	---

© 2025 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.