



Product: [100GBASE-ZR DCO \(Ind. Temp.\) - V30913-S96-A2](#) 

100G ZR (+80km) QSFP28 Transceiver, industrial temperature graded

Product Description

100G Ethernet QSFP28 transceiver with a typical reach of +80km, industrial temperature graded

Technical Specifications

Product Overview

Product Category:	QSFP28
Name:	V30913-S96-A2
Part Number:	V30913-S96-A2
Form Factor:	QSFP28
Data Rate:	100G
Fiber Type - Typical Distance:	SM G.652 - +80km
Wavelength:	Tunable DWDM (ch. 17 - 61)
Connector:	LC
Minimum Output Power (dBm):	-8
Maximum Output Power (dBm):	/
Minimum Input Power (dBm):	-30
Maximum Input Power (dBm):	1
Allowed Dispersion (ps/nm):	6000

Product Life Cycle

Life Cycle:	Active - Product is available
-------------	-------------------------------

Power requirements

Power Consumption:	≤ 6.7W
--------------------	--------

Software

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

Ambient conditions

MTBF:	477 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:	1-100G-LW (XT-2215-A) - S30924-Q225-X101
---------------------------	--

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: 0.3 Revision Date: 08-25-2026
----------------------	--

© 2026 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.