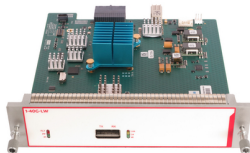


Product: [1-40G-LW \(XT-2215-A\)](#)



XTran Interface Module with 1x 40Gigabit QSFP+ LAN/WAN port for XT-2215-A nodes

Product Description

The 1-40G-LW interface module (=IFM) supports 40 Gigabit Ethernet according to the IEEE 802.3ba-2010 standard. This standard specifies full duplex point-to-point links. This module provides one 40 Gbps optical LAN/WAN port on the front panel (LAN = Local Area Network; WAN = Wide Area Network). 1-40G-LW refers to '1 port – 40 Gigabit – LAN WAN'. This port is configurable as LAN or WAN (=default) via TXCare (=XTran Management System). This IFM can only be used in core nodes.

Technical Specifications

Product Overview

Part Number:	S30924-Q219-X201
Port Type and Quantity:	1x QSFP+ (Fiber, optical): 40GE
Port Mode:	LAN, WAN

Power requirements

Operating Voltage:	+12V
Power consumption:	Measured at 25°C/77°F, with data transport: 19W

Features and Protocols

Traffic Control & Security:	Port Tracking; E-Tree (LAN ports); Storm Control; BPDU Guard; IP ACL (max. 1 rule); MAC ACL (max. 1 rule); Sticky MAC; Static MAC Table
Synchronization:	Sync-E
Protocol Interaction:	BIG (=Backbone Isolation Guard) on RGERP; Dual Homing; RGERP, MRP; STP Interaction
Test & Debugging Features:	Tunnel Ping; Tunnel Traceroute; Port Mirroring; MAC Monitoring
L2 & L3 Features:	LLDP
Configurable Services:	Ethernet; Serial Port Server; External TCP client/server; VoIP

Ambient conditions

MTBF (Telcordia SR-332 Issue 4) @ 25°C:	288 Years
Operating Temperature Range:	-20° to +55°C (-4° to 131°F)
Storage Temperature Range:	-30° to +75°C (-22° to 167°F)
Relative humidity (non-condensing):	0-95 %

Mechanical construction

Overall Width:	186 mm
Overall Height:	43.05 mm
Depth:	195 mm
Weight:	0.333 kg

Approvals

Basis Standard:	CE, EN 55032:2015 + A11:2020, EN IEC 61000-3-2:2019, EN 61000-3-3:2013 + A2 :2021, EN 55035:2017 + A11:2020, EN IEC 61000-6-1:2019, EN IEC 61000-6-2:2019, EN IEC 61000-6-3:2021, EN IEC 61000-6-4:2019
Safety of industrial control equipment:	EN 62368-1:2014
Power Utility:	EN 61000-6-5:2015, EN 61850-3:2014 (§6.7), IEEE 1613-2009 (§4), IEEE1613-2013 (clause 5,7,8,9,10)
Transportation:	EN 50121-4:2016 + A1:2019

Reliability

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

Further Instructions

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

History

Update and Revision:	Revision Number: 0.21 Revision Date: 11-14-2025
----------------------	---

© 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.