

Quantum Communication LX 5 Connector



Overview

5-connector, based on the proven 1.25 mm ferrule technology, is the only standardized small form factor connector combining high packing density, reliability, high performance and safety due to its automatic metal shutter. With virtually no protrusion from the packaging. It is possible to make a duplex con- an inexpensive duplex clip between two simplex connectors. EIA/TIA FOCIS 13 pending approval. or new cables with existing equipment. Part numbers: I-MGBIC-GLX, AA1419049-E6, 10052H (Industrial Grade), 10072H (Industrial Grade, 10-pack) The LX and Industrial Grade LX SFP modules provide a 1000BASE-X optical connection using LC connectors and SMF (single-mode fiber) cable up to 10 km long. 5 is a high performance connector which meets the highest standards by excellence in design and manufacturing processes. Inside the cryo-chamber, connectors and cables may be required to perform in extreme cold temperatures (as low as zero degrees Kelvin) or may be used in between the stages of the 'chandelier' where. LX. 25mm ferrule technologies, in this way the LX.



Article Content

Mar 02, 2026

090.020_CS dd

Protocol - A protocol is the special set of rules that each end of a communications connection use when they communicate. A pull down menu is provided to select from the following Frick recognized

May 16, 2026

Johnson Controls FRICK QUANTUM LX Setup

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FRICK Quantum LX Control Panel Setup Guide

Read or download the Frick QUANTUM LX Control Panel Setup Guide for detailed instructions on configuration, communication protocols, data tables, and troubleshooting. Explore features like Web

May 06, 2026

High Density Connectors

High Density Connectors With the increasing interest in quantum computing and the development of large-scale high qubit machines

Jul 02, 2025

The essential role of RF connectors in quantum computing

The use of materials with low electrical resistance and high thermal conductivity helps in reducing noise. Superconducting materials are sometimes employed in advanced connectors to achieve near-zero

Sep 27, 2025

LX.5 Fiber Optic Connector Overview | PDF | Electrical

It provides details on: 1) The LX.5 connector which offers high packing density, performance, reliability, safety and flexibility for fiber optic connections. 2)

Mar 17, 2026

LX.5® Connectors & Adapters

The die-cast version was designed to meet the growing need for connectors to assist in preventing excessive EMI leaks from front panels in telecommunication and data communication equipment.

Dec 28, 2025

High Density Connector Solutions Simplifies Quantum

To tackle such issues, Intelliconnect has developed high-density multi-way connectors that improves and simplifies the architecture of quantum

Sep 16, 2025

LX.5 Portfolio Datasheet

LX.5 is a high performance connector which meets the highest standards by excellence in design and manufacturing processes. Only high quality and high precision materials are used to guarantee

Oct 08, 2025

FRICK® QUANTUM™ LX COMPRESSOR CONTROL PANEL

The purpose of this manual is provide the necessary information (protocols, data registers, wiring, etc.) to allow the end user to reliably communicate with the Quantum™ LX via various communications

Aug 05, 2025

LX.5 Fiber Optic Patch Cables, LX5 Fiber Cables

LX.5 fiber optic patch cables use the 1.25mm ferrule technologies, in this way the LX.5 fiber connector is compact and as small size as the LC connectors.

Jan 22, 2026

High Density Microwave Interconnects for Quantum

These assemblies can provide connections from room temperature, through all the cooling stages down to the low temperature level. These

Jul 20, 2025

What's special about connectors in quantum computers?

Quantum computers are expected to solve some of the world's most complex problems. Fabricating interconnects is one of the most complex

Apr 29, 2026

High Temperature Connectors

The HTX high-temperature connector not only performs from -65°C to 440°C (-85°F to 824°F) it maintains its hermetic integrity at an unparalleled 1×10^{-9} cc/sec of

Apr 21, 2026

Quantum Computing Interconnect Solutions

The newest form factors of Ardent's TR Multicoax connectors support the many unique challenges of Quantum Computing applications.

Dec 20, 2025

LX.5 Patchcord

Available in simplex or duplex configurations, the LX.5 maintains single circuit access and incorporates safety shutters on both the connector and adapter body to provide protection from dust, dirt, and

Jun 05, 2026

090.560-CS Quantum LX Condenser/Vessel Control Panel

RS-485 Connection - This defines to the Quantum™ LX the type of hardware that it will be communicating to. This selection does not apply to Com-3, as it is dedicated to RS-232

Mar 12, 2026

Pluggable Transceivers Installation Guide

The Industrial Grade LX SFP module operates at a wide temperature range (-40°C to 85°C). The following table lists specifications for the LX and Industrial Grade LX SFP modules.

Sep 06, 2025

FRICK QUANTUM™ EVAPORATOR CONTROL PAN

Frick® Quantum™ LX Evaporator Control Panel Operation 090.610-CS Frick® Quantum™ LX Evaporator Control Panel Communications Setup (setup and wiring for data communica-

Mar 01, 2026

High-Temperature Connector Products

Product roundup of high-temperature connector products rated for maximum operating temperatures of +125°C or higher uses

May 11, 2026

LX.5 Connector Family

The LX.5 connector, based on the 1.25 mm ferrule technology, is the only standardized SFF connector filling the gap between high packing density and safety due to its metal shutter.

Jul 23, 2025

Fiber Optic Connectors LX.5 (SFOC 1.25)

The LX.5-connector, based on the proven 1.25 mm ferrule technology, is the only standardized small form factor connector combining high packing density, reliability, high performance and safety due to

Dec 03, 2025

FRICK QUANTUM LX SERVICE MANUAL Pdf Download | ManualsLib

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Sep 25, 2025

LX.5 Fiber Connector_Shuttered Connector LX5_Patch Cable

Hyoptic LX.5 fiber connector is a high density LX5 patch cables. It offers the advantage of E-2000™ while needing half of the space and is therefore used in applications, where density is very high.

Sep 24, 2025

FRICK QUANTUM™ LX COMPRESSOR CONTROL PANEL

This may be accomplished by locating the white power / communications connector on the board. Notice that the Digital Board has one of these connectors on both ends of the board.

Jun 07, 2026

Non-Magnetic RF Connectors for Quantum Computing

Connectronics can modify any of our extensive product line to feature non-magnetic qualities that are critical to Quantum computing applications. Quantum computing requires RF connectors with highly

Nov 29, 2025

Quantum Computing RF Products | SV Microwave

Inside the cryo-chamber, connectors and cables may be required to perform in extreme cold temperatures (as low as zero degrees Kelvin) or may be used in between the stages of the

Apr 21, 2026

Quantum Computing RF Products | SV Microwave

SV Microwave offers high-quality products tailored for quantum computing applications. Our non-magnetic components play a crucial role in the development of quantum computers.

Sep 18, 2025

High Density Microwave Interconnects for Quantum

These undergo RF testing at room temperature, test data can be provided for DC Resistance, Return Loss, Insertion Loss up to 40GHz, most

Contact Us

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