

## Article Overview

The LX.5 fiber optic connector is a high-performance, high-temperature resistant connector suitable for dense network installations, available directly from manufacturers like HUBER+SUHNER.

## Key Features

- o High-Temperature Resistance: Operates reliably from -40°C to +85°C, ensuring performance in extreme environments (Telcordia GR-326-CORE compliant) .
- o Mechanical Durability: Withstands a tensile load of 100 N and a minimum of 1000 mating cycles .
- o High-Density Design: Small form factor allows two LX.5 connections to occupy the same space as one SC connector, ideal for high-density patch panels .
- o Safety and Reliability: Features an automatic metal shutter for dust and laser protection, and full ceramic ferrules for precision alignment .
- o Standards Compliance: Meets IEC 61754-23 and TIA 604-13, and is RoHS/REACH compliant .
- o Color Coding: Blue for SM PC/UPC, green for SM APC, beige for multimode, facilitating error-free installation .

## Connector Types and Specifications

- o Simplex and Duplex Options: Available in SM PC/UPC, SM APC, and multimode variants.
- o Insertion Loss: Typically 0.06-0.25 dB depending on type and polishing .
- o Cable Diameter Compatibility: Supports 1.0 mm to 2.4 mm fiber cables .

## Ordering and Accessories

- o Adapters: Flange or 2-hole mounting, ceramic or phosphor-bronze sleeves, duplex or high-power versions .
- o Accessories: Duplex clips, angled boots, and tools for unlocking high-power disconnection locks .

## Procurement in Bosnia and Herzegovina

While direct local distributors are not listed in the sources, HUBER+SUHNER and certified LAS partners provide global distribution and can supply LX.5 connectors directly. Contacting the manufacturer or authorized regional partners ensures access to high-temperature resistant LX.5 connectors with full technical support and compliance documentation . For high-density, high-performance fiber optic networks in Bosnia and Herzegovina, LX.5 connectors offer compact design, thermal resilience, and reliable optical performance, making them suitable for CATV, Telco, and enterprise installations.

IRISO Electronics" High heat-resistant Connector are connectors that maintain connection reliability for long periods in high

Bosnia and Herzegovina adopted a National Environmental Action Plan, which provides action path to address the major

Ze-Steel was founded in 2008 in Bosnia and Herzegovina. Through continuous improvement and innovation, our company became

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

LX.5 fiber optic patch cables are generally used in CATV, Ethernet and other telecom networks,

The HARTING catalog offers a wide range of Industrial connectors / Han&#174;, Rectangular connectors, Series, Han&#174; High Temp for

High Temperature Hermetics Our technology allows us to manufacture connectors and feedthroughs that can be incredibly

We manufacture and stock standard and custom built Fittings, Flanges, Valves and Fasteners over wide range of materials, sizes,

ThermaRex Cryogenic and High-Temperature Tolerant Contacts, Connectors, Cables, and Conduit Systems For Electrical Wire

The LX.5-connector, based on the proven 1.25 mm ferrule technology, is the only standardized small form factor connector

Product roundup of high-temperature connector products rated for maximum

Choose from our selection of heat-resistant wire, including high-temperature wire, high-temperature cable, and more. Same and Next

manufacturers in Bosnia and Herzegovina - Global manufacturers directory by World of Manufacturers.

Doubling capacity is easy with the LX.5. By allowing two fibers instead of one to fit into the standard SC adapter footprint, the LX.5

Learn about plug types (Type C, F), voltage (230V, 50Hz), adapter needs, and safety tips for using electrical



## Bosnia and Herzegovina LX 5 Connector

sockets

Custom Solutions All high-temperature heat resistant connectors are custom-designed according to our

Web: <https://www.supremeacademicresearch.co.za>

