

Metal Concentric Optical Cable Connector



Overview

The opticalCON cable connector accommodates PC optical channels based on conventional and proven LC or MTP[®] connectivity protected by a ruggedized and durable all-metal housing. It features a spring loaded push-pull locking mechanism and an excellent cable retention utilizing aramid. Metallic PIC Couplers are constructed from stamped metallic optical benches. They include micro mirror arrays for folding-and-focusing light beams between optical fibers and photonic devices. antennas), premise wiring, industrial, military, aerospace and medical. CONEC D-SUB connectors are available in five standard housing sizes in the variants Standard, High Density and Combination with or without filters. Special applications have special connector requirements. US Conec manufactures durable, composite, Polyphenylene Sulfide (PPS) based thermoplastic ferrules available with up to 72 fiber holes that terminate 125 micrometer optical fiber.



Article Content

Nov 03, 2025

Optical Solutions

Optical Flex Circuits FlexPlane Optical Flex Circuits provide versatile, high-density routing on a flexible substrate, and Routed Ribbon Solutions offer cable

Jan 30, 2026

Molex LC2+ Metal Optical Connectors | TTI, Inc.

LC2+ Metal Optical Connectors are designed to support the enhanced performance (EP) aerospace-grade optical cabling, available from cable-manufacturing vendors. In addition, these connectors

Dec 24, 2025

PRODUCT CATALOG

MTP® Connectors are the proven and trusted MPO style format which has pioneered the high density structured cabling interconnect market with state-of-the-art multi-fiber optical performance. At the

Apr 10, 2026

opticalCON® Fiber Optic Connector System

NEUTRIK opticalCON ® Fiber Optic Connector System combines low maintenance, high mating cycles, and a safe connection in the field. These opticalCON

Sep 25, 2025

opticalCON SPLIT

The opticalCON cable connector accommodates PC optical channels based on conventional and proven LC or MTP ® connectivity protected by a ruggedized

Dec 06, 2025

38999 Plus

These connectors use our complete line of crimp, solder, PC tail, and compliant pin contacts from size 0 to size 22D.

Nov 19, 2025

Active Optical Connector (AOC) for

Panasonic's Active Optical Connector V series ? What is an Active Optical Connector (AOC *) ? Electrical connection is made between copper traces on

Jan 19, 2026

Fiber Optic Connectors | Common types of fiber optic

Fiber optic connectors with "physical contact" As different as these above mentioned common fiber optic connectors - LC connector, SC connector, MTP

Sep 09, 2025

opticalCON DUO HYBRID

Most suitable for powered applications in audio and video use. The opticalCON DUO cable connector accommodates a standard optical LC-Duplex connector in

Oct 22, 2025

Fiber Optic Connectors | Circular Connectors

THDM Series MT Connectors The THDM is a MIL-PRF-28876 derived mechanical transfer (MT) rugged fiber optic connector for military and aerospace applications.

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Catalogs and documentation | LEMO

Explore LEMO's catalogs library: series catalogs, white papers, product briefs, and compliance documents. Filter by language, series, or document type.

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Rosenberger OSI MXC Brochure_EN

Terabits through expanded beam MXC® is a brand new optical fiber connector system responding to the ever-increasing demand for data which is driving new hardware and applications data centers

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CONEC connectors by CONEC

CONEC connectors for use in agricultural, construction and municipal technology therefore guarantee trouble-free operation even in the most difficult applications, such as underground, at sub-zero

Jul 17, 2026

TOSLINK Optical Cable with Metal Connectors for

Benchmark-Approved TOSLINK Optical Cables - We have selected these cables based upon their performance and durability. These exceptional optical cables

Apr 29, 2026

Expanded Beam & Physical Contact Fiber Optic Connectors

Fiber optic connectors are used to couple the source, receiver and other components to the fiber optic cable. There are many types of fiber optic connectors, but each generally uses either physical

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LC2+ Metal Optical Connectors

LC2+ connectors are designed to support the enhanced performance (EP) aerospace-grade optical cabling, available from cable-manufacturing vendors. In addition, LC2+ connectors meet all FOCIS

Aug 04, 2025

Optical fiber connector

Optical fiber connectors are used in telephone exchanges, for customer premises wiring, and in outside plant applications to connect equipment and fiber-optic

Jan 30, 2026

Fiber Optic Connectors | Optical Fiber Packaging

All of OFP's fiber optic connector products such as Micro Expanded Beam, Expanded Beam Traditional Ball Lens, Secure Locking Connectors, and IP

Mar 23, 2026

Fiber Connector Types, End Faces & Uses

Fiber connector, as critical components of fiber optic communication systems, play a vital role. In this article, I will introduce different fiber connectors types and

Jan 29, 2026

LC Connectors and Adapters | OEM Optical Communication Solutions

Corning's extensive line of LC connectors offer great performance with very high repeatability and low insertion loss. These products are fully intermateable with standard LC licensed products and deliver

Oct 07, 2025

Active Optical Cables (AOC)

Molex's Active Optical Cables (AOC) offer significant cost advantages over traditional optical modules. Additionally, AOCs can easily be substituted by

Sep 12, 2025

Optical Hybrid Dry Mate Connectors | TE Connectivity

Available in a variety of materials including 316 stainless steel, monel and titanium and in a number of shell sizes and contact configurations with singlemode or

Aug 01, 2025

Hybrid Connector | Fiber Optic Connectors | Optron, SMPTE 302M

Amphenol Fiber Systems International manufactures hybrid connectors for fiber optic cable. These products includes Optron and SMPTE 304M

Nov 23, 2025

Fibre Optic Cable & Connector Guide

Choices must be made in selecting fibre optic cables and connectors for high-reliability applications. This white paper provides the knowledge for how to make appropriate selections of fibre optic cable and

Contact Us

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