

Complete List of Aviation Fiber Optic Connector Models



Overview

The range includes FlightLinx® for use in commercial aircraft meeting the requirements of ARINC 802, Appendix C (MGT), FlightGuide® designed for military aircraft with a high performance carbon/silicone coating, Avioptics® using HCS® to allow crimp and cleave termination of. The range includes FlightLinx® for use in commercial aircraft meeting the requirements of ARINC 802, Appendix C (MGT), FlightGuide® designed for military aircraft with a high performance carbon/silicone coating, Avioptics® using HCS® to allow crimp and cleave termination of. Capitalizing on its expertise in rectangular connectors, along with the industry standard LuxCis® ARINC 801 Fiber Optic contact, Radiall provides unrivaled high performance and reliable interconnect solutions. Radiall MIL-DTL-38999 for LuxCis® ARINC 801 fiber optic contact is a multi-channel. Amphenol Military High Speed is your essential source for fiber optic connectors, cables, and termini to deliver ultra-high-speed data transmission in harsh environments. From aircraft cockpits to pylons on military helicopters and transported applications, our in-house capabilities allow us to design and manufacture complex fiber. Military QPL and MCOTS Fiber optic interconnect technologies (MIL-DTL-38999 Type, MIL-DTL-83526 GFOCA Type, MIL-PRF-28876, ARINC 801 and more) deliver high data rate and high bandwidth performance in harsh land, sea, air, space and C4ISR applications. Precision-engineered QPL and commercial fiber. Our fiber optic connectors portfolio comprises backplane fiber optics, expanded beam fiber housings, fiber connector covers and caps, rugged fiber connectors, and standard fiber optic cable connectors. Choose from cable mount (free-hanging) or panel mount connector mounting types, -40 – 85 or -15 –. Lightera (formerly OFS) fibre optic cabling solutions for avionics are designed for high reliability in challenging conditions, with long lifetime performance, high str...

Article Content

Jan 24, 2026

Fiber Optic Connectors

Amphenol Military High Speed is your essential source for fiber optic connectors, cables, and termini to deliver ultra-high-speed data transmission in harsh environments.

Mar 23, 2026

Fiber Optic Connector Types

This article includes the latest fiber optic connector types chart, covering important parameters and characteristics related to them. The current

Nov 05, 2025

Aerospace Cabling and Connectors

Fiber optic cables, using light to transmit data, have revolutionized aerospace communications. These slender strands of glass or plastic, no thicker than a

Feb 01, 2026

Aviation Cable Types and Models

Selecting the correct aviation cable model is critical for aircraft performance, safety, and compliance. This guide provides a detailed breakdown of common aviation cable types, their specifications, and

Dec 02, 2025

A Complete Guide to Fiber Optic Connectors

There are a bunch of different fiber optic connector types to suit all sorts of applications. Picking the right connector for the job is key to getting the best performance from your fiber optic

Jul 24, 2025

Fiber Optic Connectors, Termini, Cable Assemblies, and

Complete design and manufacturing capability for rugged metal and lightweight composite solutions incorporating backshells, fiber media protection conduit, and

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The Most Complete Summary Of Fiber Optic Connector

The basic principle of a fiber optic connector is to accurately align the ends of two optical fibers by means of a precision-designed ferrule and

Jun 11, 2026

List of Fiber Optic Connectors Models & Products | TE Connectivity

Search our portfolio of Fiber Optic Connectors products and select your specifications. We offer a wide array of reliable and cost-effective products from standard solutions to custom designs.

Oct 14, 2025

Complete Guide to Fiber Optic Connector Types: LC,

Learn all major fiber optic connector types (LC, SC, MPO, APC/UPC), their differences, applications, and how to choose the right connector in 2026.

Apr 24, 2026

FIBER OPTICS

FIBER OPTIC CABLE ASSEMBLIES Amphenol offers complete fiber optic interconnect solutions, from connectors and termini to cable assemblies, harnesses, and turnkey systems. Our solutions

Aug 22, 2025

Fiber Optic Interconnects

Fully compatible with D38999 and Amphenol® CF-series fiber optic connectors with size 16 fiber optic contacts (Consult Amphenol Aerospace for mating information).

Jan 07, 2026

Exploring Aerospace Fiber Cables and Their Applications

Here's a starting list. Aviation Applications. Fiber optic aerospace cables are used in everything from cockpit systems to imaging systems, including LIDAR (light

Aug 29, 2025

Fiber Optic Connector Types: A Beginners Guide

The fiber connector types, sometimes referred to as terminations, link fiber optic cables together through terminals, switches, adapters, and patch

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Embedded fiber optic cable for aeronautics and helicopters

Fiber optic Link Manufacturer of fiber optic links for the aerospace industry SEDI-ATI offers special fiber optic patch cords, cables, and miniature connectors dedicated to aeronautic-embedded fiber-optic

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Fiber Optic Connectors

Our fiber optic solutions provide fast data rate speeds combined with low-loss signal integrity, high-density configurations, and rugged durability to meet the evolving needs of mission-critical systems.

Dec 26, 2025

Fiber Connector Types Guide: Comparison & Selection

Guide comparing fiber connector types, their features, applications and selection tips for reliable, high-performance fiber optic networks.

May 24, 2026

Fiber Optic Connectors Information

Fiber optic connectors are used to align and join two or more fibers together to provide a means for attaching to, or decoupling from, a transmitter, receiver, or

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Fibre Optic Cable & Connector Guide

Proper selection of fibre optic cables and connectors for specific uses are becoming more and more important as fibre optic systems become the transmission medium for communications and aircraft

Sep 04, 2025

Aerospace Connectors for Electrical & Optical Systems

SMI designs and manufactures connector and cabling solutions that form an aircraft's central nervous system, delivering data, power and control across systems,

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Fiber Optic Connectors | ITT Cannon

From aircraft cockpits to pylons on military helicopters and transported applications, our in-house capabilities allow us to design and manufacture complex fiber optic connector systems including

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What is the use of Fiber Optics in Commercial Aviation?

Fiber optic connectors and components manufacturers are innovating to enhance cockpit management and revolutionize aircraft cabin design. Let's understand the exact use of fiber optics in

May 30, 2026

FIBER OPTIC SOLUTIONS

In fiber addition cable assemblies to fiber optic termini and connectors, AFSI manufactures harnesses for the avionics and airframe markets. popular mil-aero AFSI has connectors produced such cable as

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Fiber optics connector

Find your fiber optics connector easily amongst the 17 products from the leading brands (Radiall, TE CONNECTIVITY, Fischer Connectors, ...) on AeroExpo, the

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Mil-Spec and Custom Circular Connectors | Amphenol Aerospace

Mil-Spec Type Circulars Amphenol designs and manufactures a complete range of Mil-Spec connectors including MIL-DTL-38999, 26482, 5015, and 83723. Also offering custom micro-miniature, filter,

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Fiber optic connectors for harsh environment of aviation and

Fiber optic connector technology is making significant advances for use in aviation and aerospace applications. This increasingly user friendly system has contributed to more novel

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Avionics Optical Fibres and Cables

Lightera (formerly OFS) fibre optic cabling solutions for avionics are designed for high reliability in challenging conditions, with long lifetime performance, high

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Connectors, Interconnects | Fiber Optic Connectors

Shop DigiKey's large in-stock selection of Fiber Optic Connector Assemblies. View inventory, pricing and order now for same day shipping!

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