

## Description

The T999 Optical Patch Cords are single mode fibers available with various coatings and with various types of protective tubing or jacketing options depending on the level of ruggedness and environmental conditions where they are to be used in various optical sensing applications.

Terminated with FC/APC or LC/APC connectors at one end or at both ends. Hybrid and patch cords also available upon request.

The T999 series patch cords are available in various lengths and with short lead-times. Inquire with us for OEM configurations.



## Key Features

**Wide range of applications.** FC-APC and LC-APC terminated patch cords are widely used in the field and in R&D labs for setting up optical sensing system interconnections.

**Packaging options.** The T999 optical patch cords are offered with a variety of options from bare fiber to jacketed cables, with or without color coding, and are available in virtually any length. Well fit for many optical sensing systems with options for balancing cost, performance, and level of ruggedness to meet the requirements of each customer's application requirements.

**Ready for OEM designs.** The T999 optical patchcord is an optical accessory that can be used AS IS. Inquire with us about patch cords in OEM fibers, OEM coatings, and OEM packaging.



Parameter	Specifications
Connection Types (Single and/or Double ended)	None, FC-APC, LC-APC, FC-UPC, LC-UPC, other
Length (meters)	1m, 2m, and custom options available
Coatings and Packaging Options	SM Acrylate Coated Fiber with no jacket, SM Acrylate Coated Fiber in 2mm Jacket, SM Acrylate Coated Fiber in 3mm Yellow Telecom Jacket with Kevlar, SM Acrylate Coated Fiber in 3mm Black Armored Cable SM Polyimide Coated Fiber with no jacket, SM Polyimide Coated Fiber in 900um OD Fiber Braid Tube (loose), SM Polyimide Coated Fiber in 1mm Teflon Tube (loose), SM Polyimide Coated Fiber in 2.4mm Flex Stainless Steel Tube (loose), SM Copper Coated Fiber, SM Aluminum Coated Fiber, SM Gold Coated Fiber, Other options available
Insertion Loss	< 0.5dB
Return Loss	> 60dB

Applications in Civil Engineering, Geotechnical, Industrial, Medical, Energy, Aerospace, Marine, Rail, Industrial, Materials and Equipment Test Labs, Research, and Telecom

Technica undertakes a rigorous development process before products release. The company is also firmly committed to continuous improvements after release to insure performance to the highest standards, hence, specifications are subject to update without notice.

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