

# Single Mode Fiber Optic Patch Cord



Fiber optic patch cord comprises of two tight buffer fibers housed within a common outer jacket in OS2 Single Mode variants. Both ends are terminated with high performance hybrid or single type connector comprising of SC, ST, FC, LC, MTRJ, E2000 connector in simplex and duplex.

## Features

- Conformance to ANSI/TIA-568.3-D, ITU-T G.657.A1 (Compatible with G.652.D), IEC 61300-3-4, IEC 61300-3-6, IEC 60874-1, Telcordia GR-326, ISO/IEC 11801
- All Assemblies Comes with Factory test reports
- Bend insensitive fibers.
- LSZH jacket, meets IEC-60332 (LSZH) flame rating for standard safety compliant.
- Available in UPC Connectors
- Duplex and Simplex versions, Uniform and hybrid patch cord versions available.
- Covered under 3C3<sup>®</sup> Performance Warranty

## Mechanical Specifications

Colored Coating Diameter	:	250±15µm
Tight Buffer Diameter	:	700±50µm
Strength Member	:	Aramid yarns
Cable Dimension	:	1.80±0.10mm x4.00±0.20mm
Jacket Material	:	LSZH
Jacket Color	:	Yellow

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## Optical Specifications

Fiber Mode	:	SM, OS2 9/125 μm
Insertion Loss	:	≤0.3dB
Return Loss	:	≥50dB
Repeatability	:	≤0.1
Durability	:	≤0.2 (1000 mattings)

## Environmental Specifications

Operating Temperature	:	-10°C to + 60°C
Storage Temperature	:	-40°C to + 70°C
Operating Humidity	:	10% to 90% PH

## Regulatory Compliances/Certifications

- RoHS Certified

## Ordering Information

Product Code	Description
7B0D0-XXXX	High Link Fiber Optic Patch Cord, OS2 B : Connector 1 (2-LC Duplex, 4-SC Duplex, 5-ST Simplex, 6-FC Simplex) D : Connector 2 (2-LC Duplex, 4-SC Duplex, 5-ST Simplex, 6-FC Simplex) XXXX – Length in Decimeter ( 0010 = 1Meters, 9990 = 999M)