

# Fiber Optic Patch Cord Single Mode



Fiber optic patch cord comprises tight buffer fibers housed within outer jacket in OS2 Single Mode variants. Both ends are terminated with high performance hybrid or single type connector comprising of SC, FC and LC connectors 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
- All Assemblies Comes with Factory Test Reports
- Bend Insensitive Fibers.
- LSZH jacket, meets IEC-60332 (LSZH) flame rating for standard safety compliant.
- Available in APC and UPC Connectors
- Duplex and Simplex versions, Uniform and hybrid patch cord versions available.
- Covered under 3C3® Performance Warranty

## Technical Specifications

Fiber Mode	: SM, OS2 9/125 $\mu$ m
Colored Coating Diameter	: 250 $\pm$ 15 $\mu$ m
Tight Buffer Diameter	: 700 $\pm$ 50 $\mu$ m
Strength Member	: Aramid yarns
Cable diameter-Simplex	: 1.80 $\pm$ 0.10mm
Cable diameter- Duplex	: 1.80 $\pm$ 0.10mm x4.00 $\pm$ 0.20mm
Jacket Material	: LSZH
Jacket Color	: Yellow

## Optical Specifications

Insertion Loss	: $\leq$ 0.3dB
Return Loss -APC	: $\geq$ 60dB
Return Loss- UPC	: $\geq$ 50dB
Repeatability	: $\leq$ 0.1
Durability	: $\leq$ 0.2 (1000 mattings)

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## Environmental Specifications

Temperature Rating : -40°C~+85°C

## Ordering Information

**Product Code**  
82CDE-XXXX

**Description**

High Link Fiber Optic Patch Cord, OS2

C: Connector 1 (0 - SCA, 1 - LCA, 2 - SCU, 3 - LCU, 6 - FCA, 7 - FCU)

D: Connector 2 (0 - SCA, 1 - LCA, 2 - SCU, 3 - LCU, 6 - FCA, 7 - FCU)

E: (3 – Simplex, 4 – Duplex)

XXXX – Length in Decimeter (0010-1M ~ 9990-999M)