

SINGLE MODE FIBER OPTIC PATCH CORD

Features:

- LSZH Jacket
- Duplex and Simplex versions
- Single Mode
- Connector type SC-SC, LC-LC & SC-LC, ST-ST & FC-FC
- Connector Polish Type PC/UPC/APC
- Available in 1m, 2m, 3m, 5m, 10m, 20m & 25m
- RoHS Certified
- Conformance to ANSI/TIA-568.3-D, ITU-T G.657.A1, IEC 61300-3-4, IEC 61300-3-6, IEC 60874-1.
- Meets IEC-60332 (LSZH), IEC 60754-1 and ASTM 2843/ IEC 61034-1 flame rating for standard safety compliant



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.

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Mechanical Specifications

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

Optical Specifications

Fiber Mode	: SM, OS2 9/125 µm
Insertion Loss	: ≤0.3dB
Return Loss	: ≥50dB
Repeatability	: ≤0.1
Durability	: ≤0.2 (100 mattings)

Environmental Specifications

Minimum Temperature: -10° C
 Maximum Temperature: +60° C
 Operating Humidity: 10% to 90% PH

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Available Models

Part No:	Description
<p>NYS-FPC-SM-XXXX-X-XX</p>	<p>SCSC / LCLC / SCLC / STST / FCFC = CONNECTOR TYPE</p> <p>S = SIMPLEX / D = DUPLEX</p> <p>01 / 02 / 03 / 05 / 10 / 20 / 25 = METER LENGTH</p> <p>E.g: NYS-FPC-SM-SCSC-S-01</p> <p>Note: Default Connector Finishing Type is UPC (PC/APC type can be provided on request)</p>