CORNIX

PRODUCT DATASHEET

CNX-DS-F14-006 · REV 1.0 · 06 OCTOBER 2026

FIBER CONNECTIVITY · OM3 MULTIMODE FIBER PATCH CORD

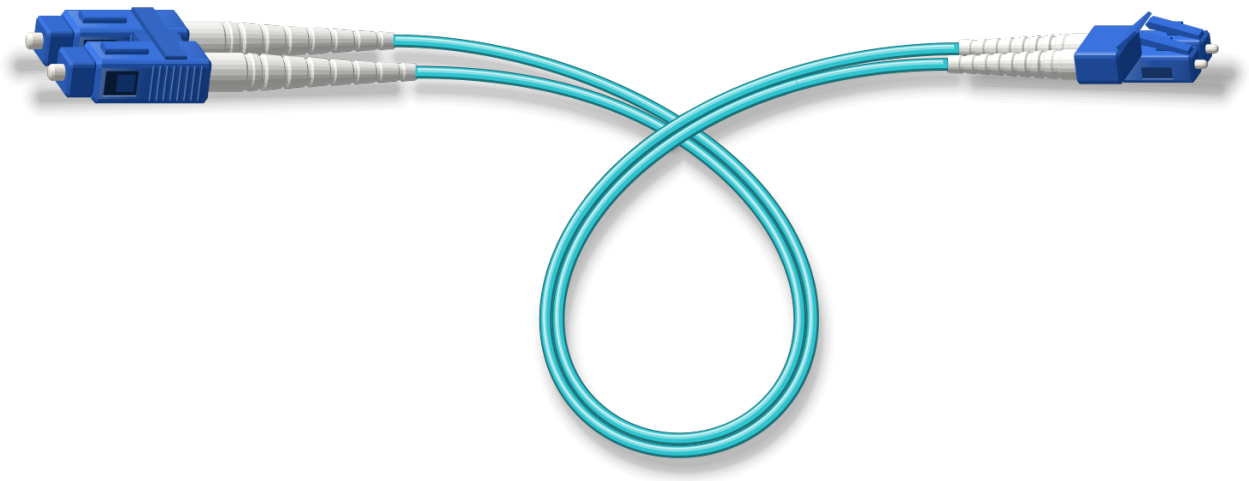
OM3 Multimode Duplex Patch Cord, SC/UPC-LC/UPC, 1 m

MULTIMODE · OM3 50/125 µm · LC / SC · UPC

PART NO. **CX-FP-OM3-SCLC-01M-DX**

Also marked on products / QR labels as: CX-FP-MM-SC-LC-01M, CX-FP-OM3-SCLC-01M

PRODUCT ILLUSTRATION



≤ 0.3 dB	≥ 35 dB (UPC)	1 m	Duplex
INSERTION LOSS	RETURN LOSS	LENGTH	CONFIGURATION

OVERVIEW

Factory-terminated OM3 laser-optimized multimode patch cords developed for short-reach, high-bandwidth links in data centers and enterprise networks. LC connectors are supplied in duplex configuration, SC in simplex, on a 2.0 mm LSZH jacket. Every cord is 100% tested for insertion and return loss.

- Laser-optimized OM3 multimode fiber
- LC duplex and SC simplex configurations
- 2.0 mm LSZH aqua jacket
- 100% tested for insertion and return loss
- Zirconia ceramic ferrules

APPLICATIONS

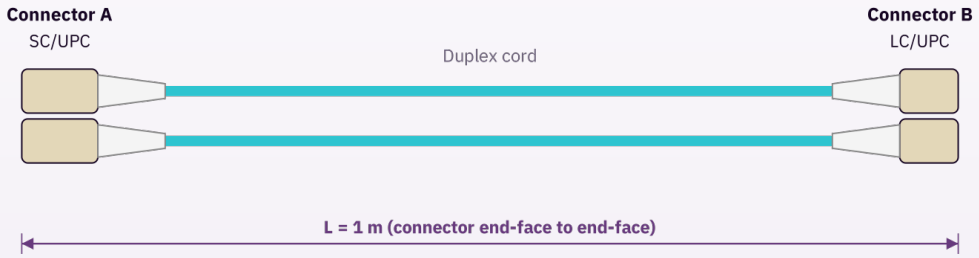
- Data center patching
- Switch and server connections
- Enterprise telecom rooms

STANDARDS & COMPLIANCE

Telcordia GR-326-CORE · IEC 61754 · ANSI/TIA-568.3-D · RoHS compliant

Technical Specifications

OM3 Multimode Duplex Patch Cord, SC/UPC-LC/UPC, 1 m · CX-FP-OM3-SCLC-01M-DX



A1 · A2 · B1 · B2 = individually tested connector positions (insertion & return loss)

ASSEMBLY DRAWING

GENERAL

Connector A	**SC/UPC**
Connector B	**LC/UPC**
Length	**1 m**
Configuration	**Duplex**

CONSTRUCTION

Cable	**Duplex zip cord, 2 × Ø 2.0 mm, LSZH, aqua**
Jacket color	**Aqua**
Ferrule	**Zirconia ceramic**

OPTICAL CHARACTERISTICS

Fiber type	**Multimode 50/125 µm, OM3**

OPTICAL PERFORMANCE

Insertion loss	**≤ 0.3 dB**
Return loss	**≥ 35 dB (UPC)**
Repeatability	**≤ 0.1 dB**
Durability	**≤ 0.2 dB**

MECHANICAL

Min. bend radius — static / dynamic	**10 × OD / 20 × OD**
Cord tensile strength	**> 70 N**

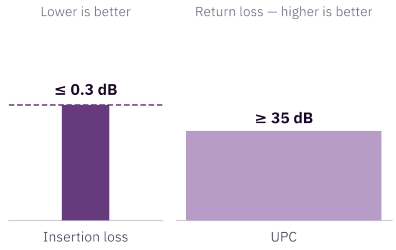
ENVIRONMENTAL

Operating temperature	**-20 °C to +70 °C**
Storage temperature	**-40 °C to +80 °C**

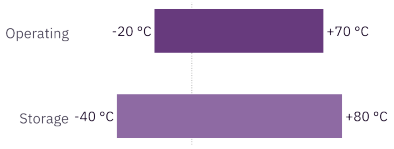
Performance, Quality & Ordering

CX-FP-OM3-SCLC-01M-DX

OPTICAL PERFORMANCE



TEMPERATURE RANGE



INDIVIDUAL TEST REPORT — EVERY ASSEMBLY

100% IL / RL TESTED

Test item	Requirement	Method	Recorded on
Insertion loss	≤ 0.3 dB	IEC 61300-3-4	A1, A2, B1, B2
Return loss	≥ 35 dB (UPC)	IEC 61300-3-6	A1, A2, B1, B2
End-face geometry & cleanliness	Pass	Interferometer / microscope	Each connector

Measured insertion and return loss values are printed on each unit's label and test sheet.

ORDERING INFORMATION

CX	FP	OM3	SCLC	01M	DX
CORNIX	Patch cord	OM3 multimode	SC – LC	Length 1 m	Duplex

Part number	Description
CX-FP-OM3-LCLC-02M-DX	OM3 Multimode Duplex Patch Cord, LC/UPC-LC/UPC, 2 m
CX-FP-OM3-LCLC-03M-DX	OM3 Multimode Duplex Patch Cord, LC/UPC-LC/UPC, 3 m
CX-FP-OM3-LCLC-05M-DX	OM3 Multimode Duplex Patch Cord, LC/UPC-LC/UPC, 5 m
CX-FP-OM3-SCSC-03M	OM3 Multimode Simplex Patch Cord, SC/UPC-SC/UPC, 3 m
CX-FP-OM3-SCLC-01M-DX	**OM3 Multimode Duplex Patch Cord, SC/UPC-LC/UPC, 1 m**
CX-FP-OM3-SCLC-03M-DX	OM3 Multimode Duplex Patch Cord, SC/UPC-LC/UPC, 3 m
CX-FP-OM3-SCLC-05M-DX	OM3 Multimode Duplex Patch Cord, SC/UPC-LC/UPC, 5 m

8 part numbers in this family — full list in the family datasheet.

Request a quote or technical support

Datasheets, test reports and samples available on request

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