CORNIX

PRODUCT FAMILY DATASHEET

CNX-DS-F52-000 · REV 1.0 · 06 OCTOBER 2026

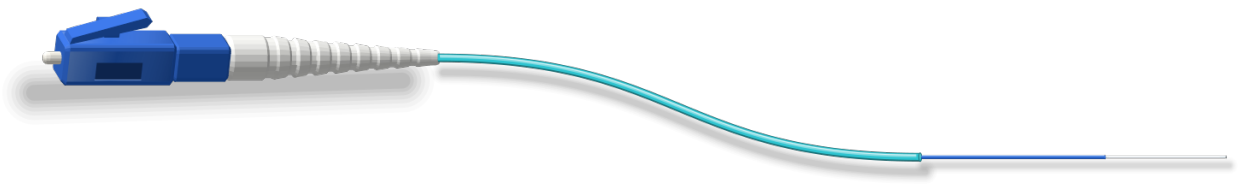
FIBER CONNECTIVITY

OM3 Multimode Fiber Pigtail

MULTIMODE · OM3 50/125 µm · 0.9 mm TIGHT BUFFER · UPC

FAMILY **F52 • 2 PART NUMBERS**

SHOWN: CX-FPT-OM3-LC-1.5M



≤ 0.3 dB	≥ 40 dB	1.5 m	LC/UPC, simplex
INSERTION LOSS	RETURN LOSS	LENGTH	CONNECTOR

OVERVIEW

Single-ended OM3 multimode pigtails developed for fusion-splice termination of multimode backbone cables in enclosures and ODFs.

- OM3 multimode pigtails for fusion splicing
- Factory-polished UPC connectors
- 0.9 mm tight buffer
- Low insertion loss
- For data-center and enterprise ODFs

APPLICATIONS

- Multimode splice termination
- Data center enclosures
- Enterprise ODFs

STANDARDS & COMPLIANCE

TIA/EIA-568 · ISO/IEC 11801 · ITU-T G.651 · RoHS compliant

Common Specifications

Values shared by all 2 part numbers in this family · variant-specific values on the following page

GENERAL

Length	**1.5 m**

CONSTRUCTION

Buffer	**0.9 mm tight buffer**

OPTICAL CHARACTERISTICS

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

OPTICAL PERFORMANCE

Insertion loss	**≤ 0.3 dB**
Return loss	**≥ 40 dB**
Repeatability (1000 matings)	**< 0.1 dB**

ENVIRONMENTAL

Operating temperature	**-20 °C to +60 °C**

Ordering Information

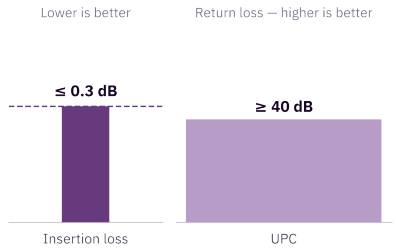
2 part numbers · individual datasheets available for every part number

Part number	Description	Connector	Length	Fiber
CX-FPT-OM3-LC-1.5M	OM3 Multimode Fiber Pigtail, LC/UPC, 1.5 m	LC/UPC	1.5 m	OM3 50/125 µm
CX-FPT-OM3-SC-1.5M	OM3 Multimode Fiber Pigtail, SC/UPC, 1.5 m	SC/UPC	1.5 m	OM3 50/125 µm

Performance

Shown for CX-FPT-OM3-LC-1.5M

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
Return loss	≥ 40 dB	IEC 61300-3-6	A1, A2
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.

Request a quote or technical support

Datasheets, test reports and samples available on request

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cornixglobal.com

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