CORNIX

PRODUCT FAMILY DATASHEET

CNX-DS-F66-000 · REV 1.0 · 06 OCTOBER 2026

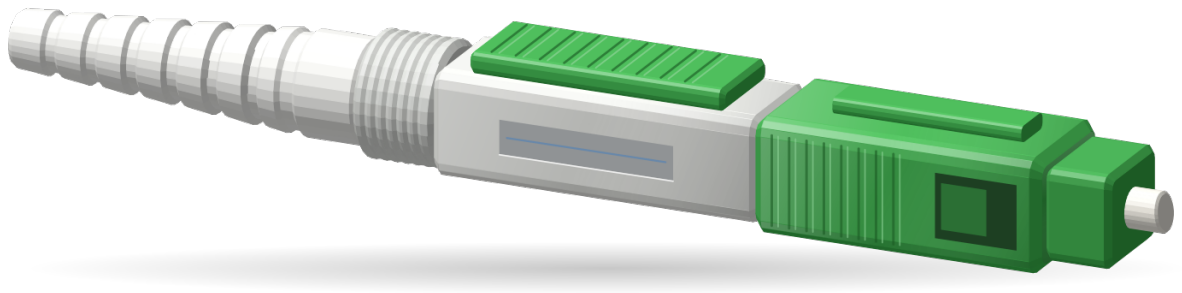
FIBER CONNECTIVITY

FTTH Fast Connector

FIELD-INSTALLABLE · NO EPOXY · NO POLISHING

FAMILY **F66 • 2 PART NUMBERS**

SHOWN: CX-FFC-SC-APC



≤ 0.25 dB	> 65 dB (angled cleave)	< 0.2 dB	-40 °C to +85 °C
INSERTION LOSS	RETURN LOSS	DURABILITY (200 CYCLES)	OPERATING TEMPERATURE

OVERVIEW

Field-assembly SC connectors developed for fast termination of FTTH drop cables and pigtail repair without fusion splicing, epoxy or polishing.

- Pre-embedded fiber, field-installable
- No epoxy, no polishing
- SC/UPC and SC/APC versions
- Reusable for field re-termination
- Fast FTTH drop termination

APPLICATIONS

- FTTH drop termination
- ONT-side connectorization
- Field repair and re-termination

STANDARDS & COMPLIANCE

Telcordia GR-326-CORE | RoHS compliant

Common Specifications

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

GENERAL

Applicable fiber / cable	**Ø 250 – 900 µm fiber; 2.0 / 3.0 mm cable**
Type	**Pre-embedded fiber, mechanical splice (field-installable)**

OPTICAL PERFORMANCE

Insertion loss	**≤ 0.25 dB**
Durability (200 cycles)	**< 0.2 dB**

ENVIRONMENTAL

Operating temperature	**-40 °C to +85 °C**

Ordering Information

2 part numbers · individual datasheets available for every part number

Part number	Description	Connector	Type
CX-FFC-SC-APC	FTTH SC/APC Fast (Field-Assembly) Connector	SC/APC	Field-installable
CX-FFC-SC	FTTH SC/UPC Fast (Field-Assembly) Connector	SC/UPC	Field-installable

Variant-Specific Specifications

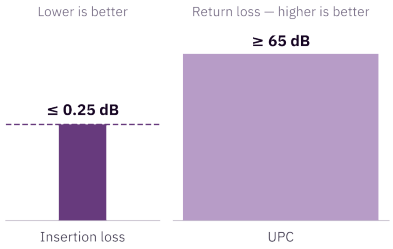
Values that differ between part numbers

Part number	Return loss
CX-FFC-SC-APC	> 65 dB (angled cleave)
CX-FFC-SC	> 45 dB

Performance

Shown for CX-FFC-SC-APC

OPTICAL PERFORMANCE



TEMPERATURE RANGE



FINAL QUALITY INSPECTION

QUALITY INSPECTED

Inspection item	Requirement
Insertion loss	≤ 0.25 dB
Dimensions & fit	Per drawing
Surface finish & color	No defects
Adapters / accessories	Complete per packing list
Labeling & packing	Per CORNIX label system

Every unit passes final visual, dimensional and accessory inspection before packing.

Request a quote or technical support

Datasheets, test reports and samples available on request

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cornixglobal.com

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