FIBER CONNECTIVITY · FIBER OPTIC ADAPTERS (COUPLERS)

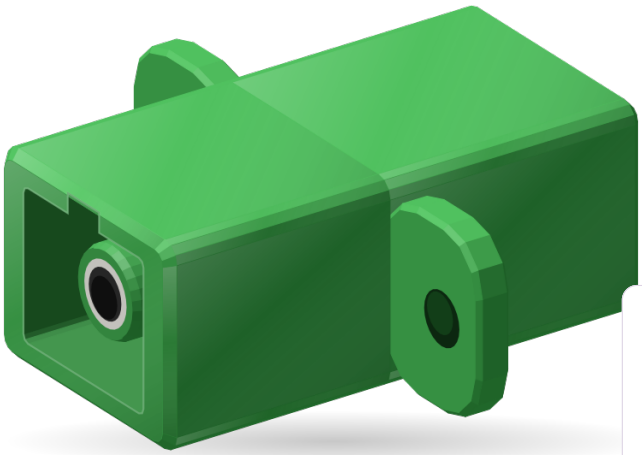
SC Simplex Adapter, Single-mode/APC, Green

LC · SC · ST · MTP/MPO · SINGLE-MODE & MULTIMODE

PART NO. CX-FA-SC-SX-OS2-GN-APC

Also marked on products / QR labels as: CX-FA-SC-APC-SX-GR

PRODUCTION SAMPLE AVAILABLE





Production sample — CORNIX order 2026

≤ 0.3 dB	≥ 60 dB	Green	SC simplex
INSERTION LOSS	RETURN LOSS	HOUSING COLOR	CONNECTOR INTERFACE

OVERVIEW

Panel-mount fiber adapters (couplers) developed to join two connectorized fibers in patch panels, enclosures, ODFs and wall boxes. Color-coded housings identify single-mode UPC, APC and multimode interfaces; hybrid versions convert between UPC and APC end faces.

- Zirconia alignment sleeves for precise mating
- Color-coded housings: SM blue, APC green, MM aqua / beige
- Simplex, duplex and MTP/MPO formats
- Snap-in panel mounting
- Hybrid UPC ↔ APC conversion versions

APPLICATIONS

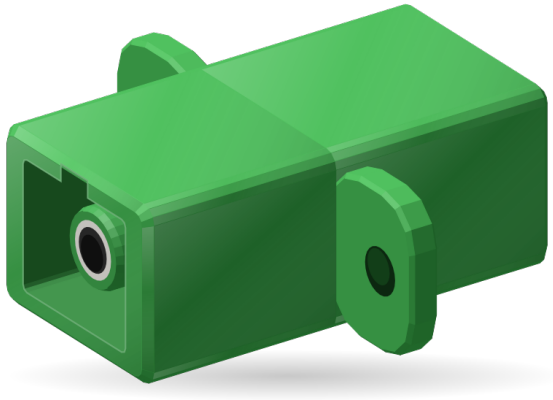
- Patch panels, ODFs and enclosures
- FTTH termination boxes
- UPC/APC conversion (hybrid versions)

STANDARDS & COMPLIANCE

TIA-568.3-D · RoHS

Technical Specifications

SC Simplex Adapter, Single-mode/APC, Green · CX-FA-SC-SX-OS2-GN-APC



PRODUCT VIEW (REPRESENTATIVE)

GENERAL

Connector interface	**SC simplex**
Fiber mode	**Single-mode (APC)**

CONSTRUCTION

Alignment sleeve	**Zirconia**

OPTICAL PERFORMANCE

Durability (500 matings)	**≤ 0.2 dB increase**
Insertion loss	**≤ 0.3 dB**
Return loss	**≥ 60 dB**

PHYSICAL

Housing color	**Green**

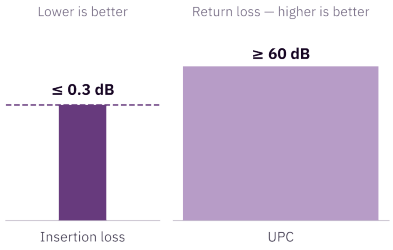
ENVIRONMENTAL

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

Performance, Quality & Ordering

CX-FA-SC-SX-OS2-GN-APC

OPTICAL PERFORMANCE



TEMPERATURE RANGE



FINAL QUALITY INSPECTION

QUALITY INSPECTED

Inspection item	Requirement
Insertion loss	≤ 0.3 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.

ORDERING INFORMATION

CX	FA	SC	SX	OS2	GN	APC
CORNIX	Adapter	SC connector	Simplex	Single-mode G.652.D	Green	APC polish

Part number	Description
CX-FA-LC-DX-OS2-GN-APC	LC Duplex Adapter, Single-mode/APC, Green
CX-FA-SC-SX-OM3-BG	SC Simplex Adapter, Multimode, Beige
CX-FA-SC-SX-OS2-BL	SC Simplex Adapter, Single-mode, Blue
CX-FA-SC-SX-OS2-GN-APC	**SC Simplex Adapter, Single-mode/APC, Green**
CX-FA-ST-SX-OM3-BG	ST Simplex Adapter, Multimode, Beige
CX-FA-MTP-OM3-KU	MTP/MPO Adapter, Key-Up to Key-Down, OM3
CX-FA-MTP-OS2-KU	MTP/MPO Adapter, Key-Up to Key-Down, OS2

11 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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