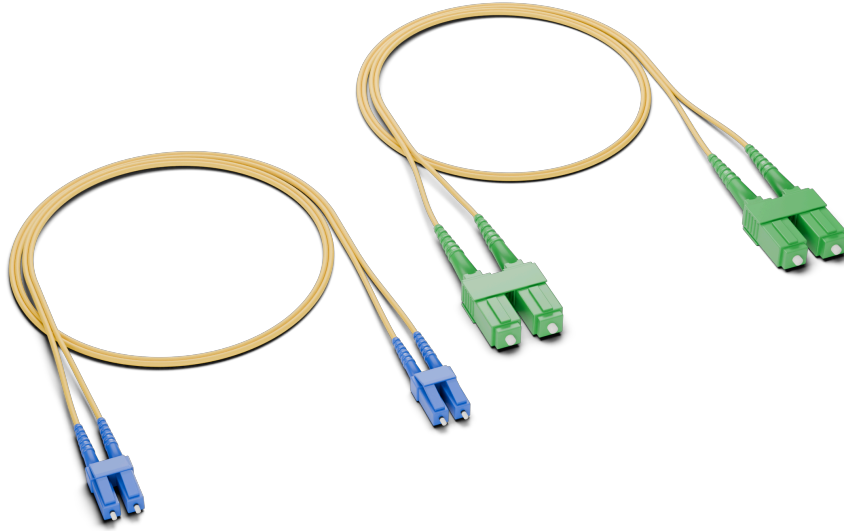


Fiber Jumpers

Simplex & duplex · Corning SMF-28 Ultra · LC · SC · UPC / APC · 1 to 100 m



Shown: LC/UPC to LC/UPC duplex (front) and SC/APC to SC/APC duplex (back).

OVERVIEW

Every LC and SC combination, ready to patch

One Optics duplex jumpers come in ten LC and SC connector combinations, in UPC or APC polish, including UPC-to-APC and LC-to-SC hybrids, on Corning SMF-28 Ultra singlemode fiber (G.652.D and G.657.A1 compliant, bend-insensitive) with a 1.6 mm jacket.

Every jumper is 100% tested for end-face cleanliness and end-face geometry. Jumpers come in any length from 1 to 100 m. Simplex jumpers and multimode (OM3) versions are available on request.

10

CONNECTOR PAIRS

Any

LENGTH

1–100 m

LENGTH RANGE

0.20 dBIL MAX PER
CONNECTOR

CONNECTORS

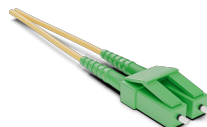
LC/UPC

Code LC



LC/APC

Code LA



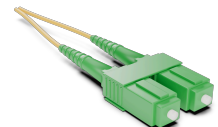
SC/UPC

Code SC



SC/APC

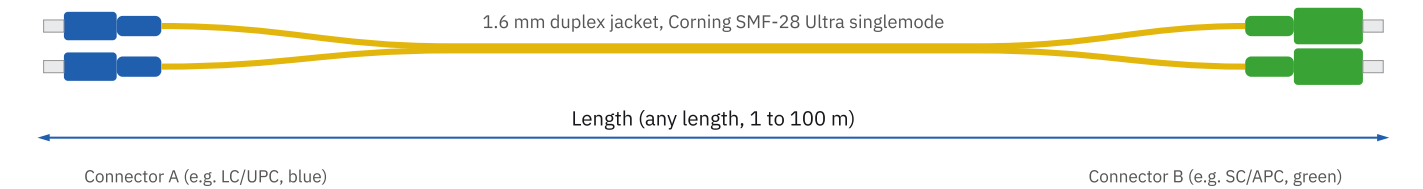
Code SA



FEATURES & APPLICATIONS

- ✓ **Corning SMF-28 Ultra**, G.652.D and G.657.A1 compliant, bend-insensitive
- ✓ **Low loss**: 0.20 dB max insertion loss per connector
- ✓ **100% tested** for end-face cleanliness and geometry
- ✓ **1.6 mm duplex jacket**
- ✓ **LC and SC**, UPC or APC, in any of 10 pairings
- ✓ **Hybrids**: UPC to APC and LC to SC
- ✓ **Any length** from 1 to 100 m
- ✓ Simplex and multimode (OM3) on request
- ✓ **Applications**: patching in data center, enterprise and carrier panels

DUPLEX JUMPER LAYOUT



Schematic, not to scale.

DUPLEX CONNECTOR PAIRS

PART NUMBER	END A	END B
DX-LCLC- NN	LC/UPC	LC/UPC
DX-LALA- NN	LC/APC	LC/APC
DX-LCLA- NN	LC/UPC	LC/APC
DX-SCSC- NN	SC/UPC	SC/UPC
DX-SASA- NN	SC/APC	SC/APC
DX-SCSA- NN	SC/UPC	SC/APC
DX-LCSC- NN	LC/UPC	SC/UPC
DX-LCSA- NN	LC/UPC	SC/APC
DX-LASA- NN	LC/APC	SC/APC
DX-LASC- NN	LC/APC	SC/UPC

SPECIFICATIONS

Fiber	Corning SMF-28 Ultra, G.652.D / G.657.A1
Jacket	1.6 mm duplex
Connectors	LC/UPC, LC/APC, SC/UPC, SC/APC
Insertion loss	0.20 dB max, 0.15 dB typ.
Return loss	UPC 55 dB min · APC 65 dB min
Testing	100% end-face cleanliness, geometry
Lengths	Any length from 1 to 100 m
On request	Simplex, OM3

COMMON LENGTHS, M (NN)

01	02	03	04	05	06	07	08	09	10	12
15	17	20	25	30	35	45	50	75	100	

ORDERING

Part number format **[SX/DX] - [A] [B] - [NN]M** construction · end A + end B · length in meters

EXAMPLE	DESCRIPTION	PRICING
DX-LCLC-03M	Duplex, LC/UPC to LC/UPC, SMF-28 Ultra, 1.6 mm, 3 m	Contact sales
DX-LCSA-10M	Duplex, LC/UPC to SC/APC, SMF-28 Ultra, 1.6 mm, 10 m	Contact sales
DX-SASA-100M	Duplex, SC/APC to SC/APC, SMF-28 Ultra, 1.6 mm, 100 m	Contact sales
SX-SCSC-05M	Simplex, SC/UPC to SC/UPC, singlemode, 5 m	Contact sales

CONSTRUCTION

DX = duplex
SX = simplex

Singlemode is standard. Simplex and multimode (OM3): contact sales.

END A + END B

LC = LC/UPC · LA = LC/APC
SC = SC/UPC · SA = SC/APC

LENGTH

NN = meters
(01 to 99, or 100)



Simplex jumpers (SX-, on request): LC/UPC and SC/UPC shown.

Contact sales for pricing. Test data and certificate of conformance available on request. Specifications subject to change. Rev A · 2026-10.