



FIBER OPTIC LX.5 CONNECTOR

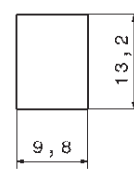
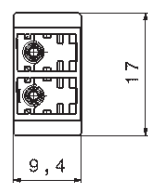
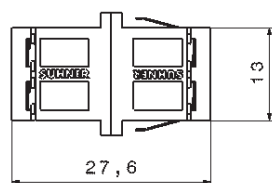
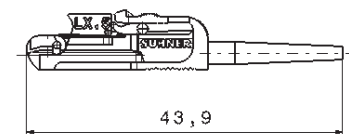
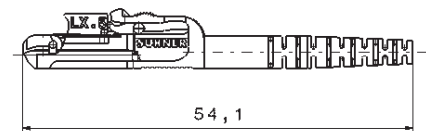
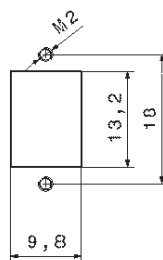
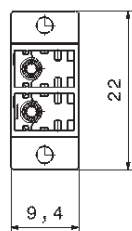
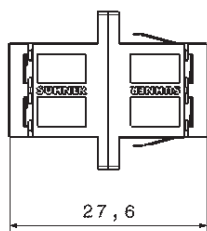


Features

- Latched push-pull connector
- Automatic metal shutter in connector and adapter as dust and laser beam protection
- Small Form Factor connector for high packing density. 2 connections in SC shape adapter
- One-piece design for easy and quick termination
- Short rigid length of pigtail-connector
- Color coding of connector and adapter
- High-Power type with integrated locking mechanism
- High mechanical and thermal resistance according to Telcordia GR-326-CORE
- Easy duplexing of simplex connectors

Specifications

Compliance	IEC 61754-23, TIA 604-13
Technology	Full ceramic ferrule and sleeve
Tuning	in 45° steps
Mechanical resistance	100 N tensile load
Thermal resistance	-40° C to +85° C, stock temperature range
Flammability	UL 94-V0
Durability	Min. 1000 mating cycles
Color of housing	Singlemode PC blue Singlemode APC green Multimode beige





LX.5

Ordering information: LX.5 Connector, Simplex

Connector type	Polishing	Insertion loss ¹⁾ [dB] (mean/97%)	Cable Ø	Type
SM	PC/UPC	0.12/0.25	≤ 1.0 mm	FLX5-Z/K-A002
SM	PC/UPC	0.12/0.25	≤ 2.4 mm	FLX5-Z/K-A003
SM	APC	0.12/0.25	≤ 1.0 mm	FLX5-Z/K-A601
SM	APC	0.12/0.25	≤ 2.4 mm	FLX5-Z/K-A602
SM Premium	PC/UPC	0.06/0.15	≤ 1.0 mm	FLX5-Z/K-H002
SM Premium	PC/UPC	0.06/0.15	≤ 2.4 mm	FLX5-Z/K-H003
SM Premium	APC	0.06/0.15	≤ 1.0 mm	FLX5-Z/K-H601
SM Premium	APC	0.06/0.15	≤ 2.4 mm	FLX5-Z/K-H602
G50/125, G62.5/125	PC	0.2 / 0.5	≤ 1.0 mm	FLX5-Z/K-B002
G50/125, G62.5/125	PC	0.2 / 0.5	≤ 2.4 mm	FLX5-Z/K-B003

¹⁾ Each-to-each IEC 61300-3-34 method 2

Ordering information: Adapters

Adapter type	Mounting	Sleeve material	Color	Type
SM Duplex	Flange with spring clip	ceramic	blue	FLX5-FLX5-A101-02
SM Duplex HighPower	Flange with spring clip	ceramic	blue	FLX5-FLX5-A102-02
SM APC Duplex	Flange with spring clip	ceramic	green	FLX5-FLX5-A601-02
SM APC Duplex HighPower	Flange with spring clip	ceramic	green	FLX5-FLX5-A602-02
MM Duplex	Flange with spring clip	phosphor-bronze	beige	FLX5-FLX5-A201-02
SM Duplex	with 2-hole flange	ceramic	blue	FLX5-FLX5-D101-02
SM Duplex HighPower	with 2-hole flange	ceramic	blue	FLX5-FLX5-D102-02
SM APC Duplex	with 2-hole flange	ceramic	green	FLX5-FLX5-D601-02
SM APC Duplex HighPower	with 2-hole flange	ceramic	green	FLX5-FLX5-D602-02
MM Duplex	with 2-hole flange	phosphor-bronze	beige	FLX5-FLX5-D201-02

Ordering information: Accessories

Description	Color	Type
Angled boot	see data sheet	



LX.5

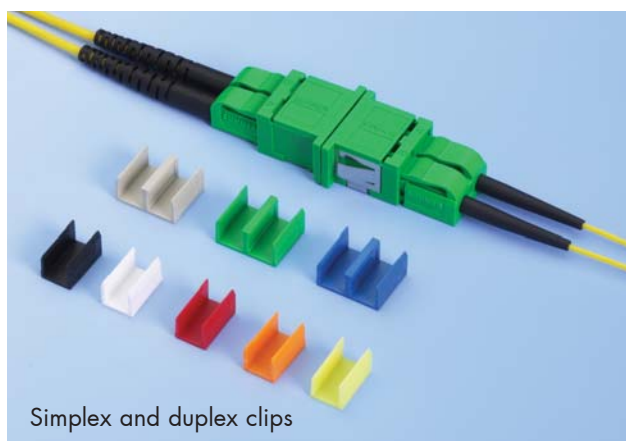
Ordering information: Accessories

Description	Color	Type
Duplex clip	blue	FLX5-DUP-BL2
Duplex clip	green	FLX5-DUP-GN2
Duplex clip	beige	FLX5-DUP-BG2
Tool to unlock LX.5 HighPower disconnection lock		9801.40.D



Color coding system

The new color coding system allows fast and secure installation of the connector and the adapter. It ensures mating without risk of confusion. Simplex clips can be used to mark connectors and color labels to mark adapters.



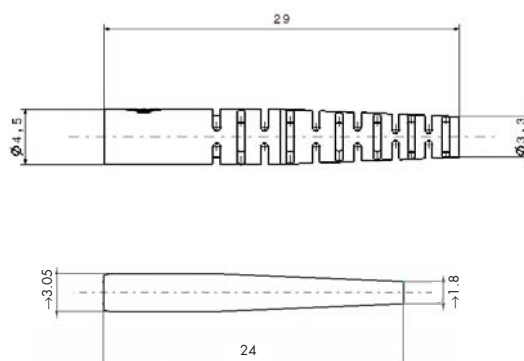
Ordering information: Color coding

Description	Color	Type
Simplex clip	black	FLX5-CLP-BK1
Simplex clip	blue	FLX5-CLP-BL1
Simplex clip	brown	FLX5-CLP-BN1
Simplex clip	green	FLX5-CLP-GN1
Simplex clip	grey	FLX5-CLP-GR1
Simplex clip	orange	FLX5-CLP-OR1
Simplex clip	pink	FLX5-CLP-PK1
Simplex clip	purple	FLX5-CLP-PU1
Simplex clip	red	FLX5-CLP-RD1
Simplex clip	turquoise	FLX5-CLP-TU1
Simplex clip	white	FLX5-CLP-WT1
Simplex clip	yellow	FLX5-CLP-YE1

Description	Type
Color label pad including 24 stickers per color	ACC-LAB-001



HUBER+SUHNER CRIMPSETS



Crimpsets for FLX5 and FLC connectors

Type	Sleeve	Boot black	green	red	yellow	blue
Max. cable Ø						
<1.0 mm FLC	–	23026770	23026771	84005618	84005617	84005616
<1.0 mm FLX5	–	23034533	23034534	84005615	84005614	84005613
1.6 – 1.8 mm	23026713	23026769	84005356	84005357	84005358	84005359
1.9 – 2.2 mm	23028203	23026769	84005356	84005357	84005358	84005359
2.3 – 2.5 mm	23028204	23026769	84005356	84005357	84005358	84005359

HUBER+SUHNER is certified according to ISO 9001 and ISO 14001.

Waiver

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HUBER+SUHNER - Excellence in Connectivity Solutions



HUBER+SUHNER AG
 Fiber Optics Division
 9100 Herisau, Switzerland
 Phone +41 (0)71 353 41 11
 Fax +41 (0)71 353 46 47
www.hubersuhner.com