

Type:	FO Patch Cords	
PN:	G-xx	
Date:	09.09.2021	At
Modification:		Rev. 1.0

## FO Patch Cords GOLD



### DESCRIPTION:

- fiber optic cable with 1.8/2.8 mm diameter and simplex or duplex construction both-side terminated with connector
- single- and multi-mode optical fiber
- LSOH cable jacket
- wide range of available connectors: SC/LC/E2000/FC/ST with PC or APC polishing type
- length tailored to the customer's needs
- LC duplex patch cords are produce with AB polarity type as a standard

### TECHNICAL SPECIFICATION

Parameter	SM APC	SM PC	MM PC
Max. insertion loss $IL_{max}$ acc. to IEC 61300-3-4	$\leq 0.20$ dB	$\leq 0.20$ dB	$\leq 0.20$ dB
Typical insertion loss $IL_{typ}$ acc. to IEC 61300-3-4	$\leq 0.16$ dB	$\leq 0.15$ dB	$\leq 0.12$ dB
Return loss RL acc. to IEC 61300-3-6	$\geq 65$ dB	$\geq 55$ dB	$\geq 35$ dB
Operating temperature	-25 + 70 [°C]		
Durability	1000 mating cycles, $\Delta IL_{500cycles} \leq 0.2$ dB		

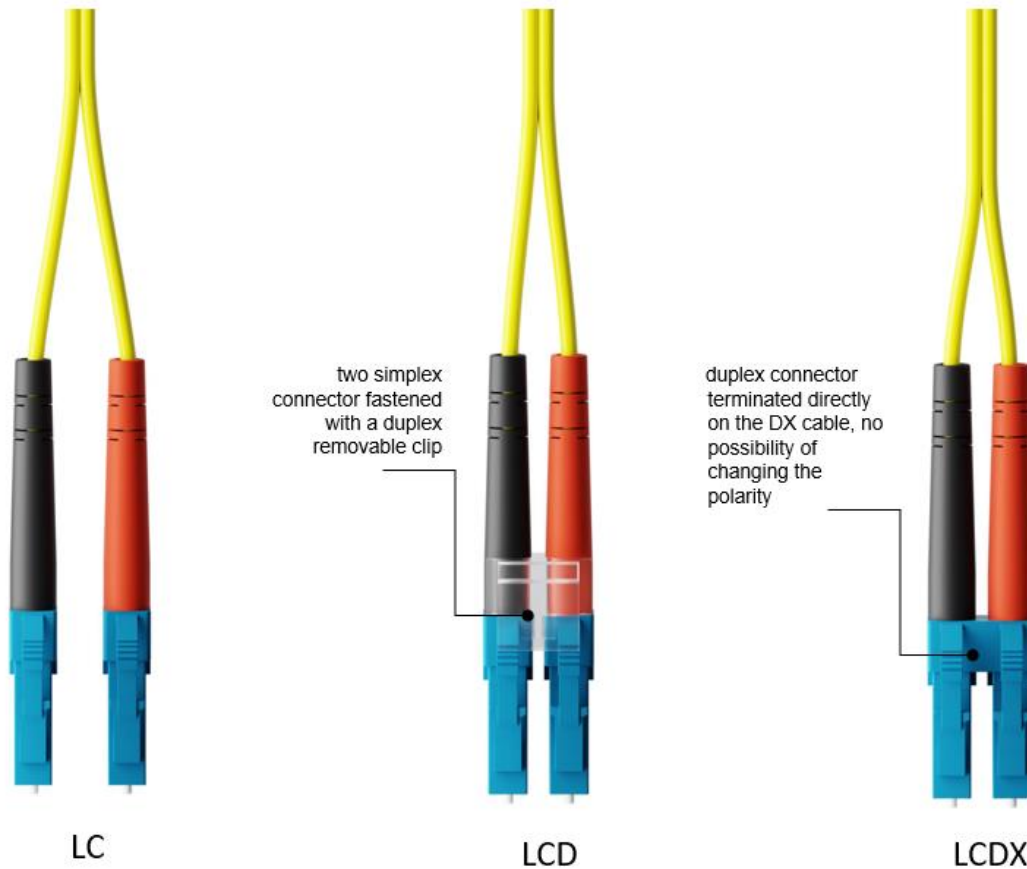
### CONSTRUCTION:

#### Standard lengths:

Patch cord length [m]	Standardization step [m]
0.5	-
1 – 5	0.5
>5	1

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### CODING THE LC CONNECTOR VARIANT ON DUPLEX CABLES



LC duplex patch cords are produced with AB polarity type as a standard. For AA type please add description on the order.

#### PACKAGING:

Fiber optic patch cord packed as standard in a sealed or string bag with a product label.

#### ORDERING INFORMATION:

**G-AAA-BBB-S-CCC.C-DD-E-FF-G**

Ordering syntax

**AAA** – connector type side A: SC, SCA, LC, LCA, FC, FCA, E2, E2A, ST

SCD, SCAD, LCD, LCAD – two simplex connector fastened with a duplex removable clip

LCDX, LCADX – duplex connector terminated directly on the DX cable, no possibility of changing the polarity

**BBB** – connector type side B: SC, SCA, LC, LCA, FC, FCA, E2, E2A, ST

SCD, SCAD, LCD, LCAD – two simplex connector fastened with a duplex removable clip

LCDX, LCADX – duplex connector terminated directly on the DX cable, no possibility of changing the polarity

**CCC.C** – length 1-100m

**DD** – construction: P9 – BFR 0.9mm, SX - simplex, DX – duplex, PS – simplex pigtail (cable Ø1.8mm, Ø2.8mm), PD – duplex pigtail (Ø1.8mm, Ø2.8mm)

**E** – fiber type: A – G652D, B – G655, D- G657A1, E – G657A2, H – OM1, I – OM2, K – OM3, L – OM4, M – OM5

**FF** – cable diameter: 09 -900µm, 18 - 1.8mm, 28 - 2.8mm

**G** – cable jacket color: Y – yellow, OR – orange, AQ – aqua, V – violet maganeta

Example:

G-LCA-LCA-S-002.0-SX-D-18-Y Fibrain patch cord LC APC/LC APC SM 09/125 G657A1 yellow 2m simplex 1.8mm

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