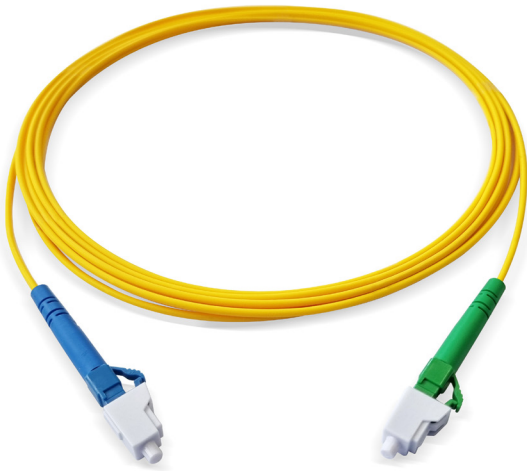


## FO simplex patch cord LC/APC - LC/PC



### Description

Datwyler offers a broad range of terminated connectors for individual customer needs.  
For all simplex patch cords cables with 1.8 mm are used.

### Construction

Cable	Simplex
Cable construction	I-V(ZN)H

### General properties

Operating temperature	-10 °C - +60 °C
Outer sheath colour	yellow
Outer sheath material	FRNC/LSZH

## Optical Properties

Grade IEC61755, connector A (better than)	B2
Grade IEC61755, connector B (better than)	B2
Lifetime	1000 connections with stable attenuation values
Reproducibility of the IL	a maximum of +/- 0.1dB
Standard connector A	IEC 61754-20
Standard connector B	IEC 61754-20
Fibre type	E9/125 G.652.D BLO
Ferrule material	Zirconia
Connector type side A	LC/APC
IL maximal, connector A	0.25 dB
IL typical, connector A	0.12 dB
RL minimal, connector A	65 dB
RL typical, connector A	70 dB
Connector type side B	LC/PC
IL maximal, connector B	0.25 dB
IL typical, connector B	0.12 dB
RL minimal, connector B	50 dB
RL typical, connector B	55 dB

## Mechanical properties

Bending (IEC 60794-1-21 E11, reversible fibre attenuation)	≤ 0,5 dB
Connector cable retention	70 N
Crush resistance (IEC 60794-1-21 E3, reversible fibre attenuation)	≤ 0,2 dB
Housing colour connector A	green
Housing colour connector B	blue
Impact	IEC 60794-1-21 E4
Minimum bending radius	50 mm
Repeated bending	IEC 60794-1-21 E6
Tensile load (IEC 60794-1-21 E1 0,33% reversible fibre elongation)	200 N
Torsion (IEC 60794-1-21 E7, reversible fibre attenuation)	≤ 0,1 dB

## Versions

Material number	Product	Length (m)	Weight [kg]	Packing unit	GTIN / EAN
42291500ZY	FO simplex patch cord LC/APC - LC/PC	1	0.02 kg	1 pc.	40393910209990
42291600ZY	FO simplex patch cord LC/APC - LC/PC	2	0.03 kg	1 pc.	40393910209983
42291700ZY	FO simplex patch cord LC/APC - LC/PC	3	0.04 kg	1 pc.	40393910209976
42291800ZY	FO simplex patch cord LC/APC - LC/PC	4	0.06 kg	1 pc.	40393910209969
42291900ZY	FO simplex patch cord LC/APC - LC/PC	5	0.07 kg	1 pc.	40393910209952
42292000ZY	FO simplex patch cord LC/APC - LC/PC	6	0.08 kg	1 pc.	40393910209945
42292100ZY	FO simplex patch cord LC/APC - LC/PC	7	0.1 kg	1 pc.	40393910209938
42292200ZY	FO simplex patch cord LC/APC - LC/PC	8	0.11 kg	1 pc.	40393910209921
42292300ZY	FO simplex patch cord LC/APC - LC/PC	9	0.12 kg	1 pc.	40393910209914
42292400ZY	FO simplex patch cord LC/APC - LC/PC	10	0.13 kg	1 pc.	40393910209907

