

## FO duplex patch cord SCD - SCD/APC

E9/125 G.652.D OS2, Fig. 8

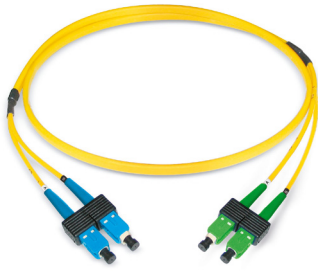


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### Description

Datwyler offers a broad range of terminated connectors for individual customer needs.

### Construction

Cable	Fig. 8
Cable construction	I-V(ZN)H (4.1 x 2.0mm)
Outer sheath colour	yellow

### General Properties

Operating temperature	-10 °C - +60 °C
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### Optical Properties

Connector type side A	SCD
Connector type side B	SCD/APC
Ferrule material	Zirconia
Fibre type	E9/125 G.652.D OS2
Grade IEC61755, connector A (better than)	B2
Grade IEC61755, connector B (better than)	B1
IL maximal, connector A	0.25 dB
IL maximal, connector B	0.25 dB
IL typical, connector A	0.12 dB
IL typical, connector B	0.12 dB
Lifetime	1000 connections with stable attenuation values
Reproducibility of the IL	maximal +/- 0.1dB
RL minimal, connector A	50 dB
RL minimal, connector B	65 dB
RL typical, connector A	55 dB
RL typical, connector B	70 dB
Standard connector A	IEC 61754-4
Standard connector B	IEC 61754-4

## Mechanical properties

Bending (IEC 60794-1-21 E11, reversible fibre attenuation)	≤ 0,5 dB
Connector cable retention	100 N
Crush resistance (IEC 60794-1-21 E3, reversible fibre attenuation)	≤ 0,2 dB
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]
42172308ZY	FO duplex patch cord SCD - SCD/APC, E9/125 G.652.D OS2		0 kg
42171108ZY	FO duplex patch cord SCD - SCD/APC, E9/125 G.652.D OS2	1	0.02 kg
42171208ZY	FO duplex patch cord SCD - SCD/APC, E9/125 G.652.D OS2	2	0.03 kg
42171308ZY	FO duplex patch cord SCD - SCD/APC, E9/125 G.652.D OS2	3	0.04 kg
42171408ZY	FO duplex patch cord SCD - SCD/APC, E9/125 G.652.D OS2	4	0.05 kg
42171508ZY	FO duplex patch cord SCD - SCD/APC, E9/125 G.652.D OS2	5	0.06 kg
42171608ZY	FO duplex patch cord SCD - SCD/APC, E9/125 G.652.D OS2	6	0.06 kg
42171708ZY	FO duplex patch cord SCD - SCD/APC, E9/125 G.652.D OS2	7	0.07 kg
42171808ZY	FO duplex patch cord SCD - SCD/APC, E9/125 G.652.D OS2	8	0.08 kg
42171908ZY	FO duplex patch cord SCD - SCD/APC, E9/125 G.652.D OS2	9	0.09 kg
42172008ZY	FO duplex patch cord SCD - SCD/APC, E9/125 G.652.D OS2	10	0.1 kg

Subject to technical modification

As of 2021-08-06 10:13:22