

## FO duplex patch cord SCD - SCD

G50/125 OM4, Fig. 8

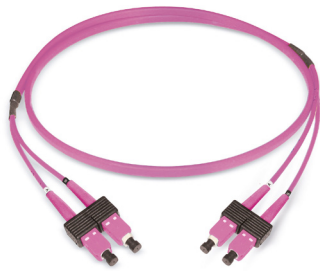


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### Description

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	heather violet

### General Properties

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

Connector type side A	SCD
Connector type side B	SCD
Ferrule material	Zirconia
Fibre type	G50/125 OM4
Grade IEC61755, connector A (better than)	Bm2m
Grade IEC61755, connector B (better than)	Bm2m
IL maximal, connector A	0.3 dB
IL maximal, connector B	0.3 dB
IL typical, connector A	0.15 dB
IL typical, connector B	0.15 dB
Lifetime	1000 connections with stable attenuation values
Reproducibility of the IL	maximal +/- 0.1dB
RL minimal, connector A	30 dB
RL minimal, connector B	30 dB
RL typical, connector A	35 dB
RL typical, connector B	35 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]
43115308ZY	FO duplex patch cord SCD - SCD, G50/125 OM4		0 kg
43114108ZY	FO duplex patch cord SCD - SCD, G50/125 OM4	1	0.02 kg
43114208ZY	FO duplex patch cord SCD - SCD, G50/125 OM4	2	0.03 kg
43114308ZY	FO duplex patch cord SCD - SCD, G50/125 OM4	3	0.04 kg
43114408ZY	FO duplex patch cord SCD - SCD, G50/125 OM4	4	0.05 kg
43114508ZY	FO duplex patch cord SCD - SCD, G50/125 OM4	5	0.06 kg
43114608ZY	FO duplex patch cord SCD - SCD, G50/125 OM4	6	0.06 kg
43114708ZY	FO duplex patch cord SCD - SCD, G50/125 OM4	7	0.07 kg
43114808ZY	FO duplex patch cord SCD - SCD, G50/125 OM4	8	0.08 kg
43114908ZY	FO duplex patch cord SCD - SCD, G50/125 OM4	9	0.09 kg
43115008ZY	FO duplex patch cord SCD - SCD, G50/125 OM4	10	0.1 kg

Subject to technical modification

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