

## FO duplex patch cord SCD - SCD

G50/125 OM4

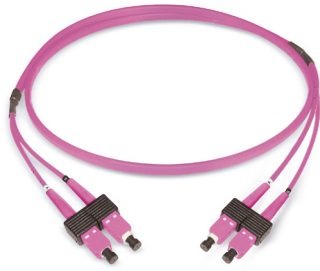


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### Description

Datwyler offers a broad range of terminated connectors for individual customer needs.  
For all patch cords figure 0 cables with 4.8x3.2 mm are used.

### General Properties

Cable construction	I-V(ZN)HH (4.8x3.2 mm)
Operating temperature	-10 °C - +60 °C

### Optical Properties

Ferrule material	Zirconia
Grade, connector A (better than)	Bm2m
Grade, 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	Outer sheath colour	Length (m)	Weight [kg]
431141	FO duplex patch cord SCD - SCD, G50/125 OM4	violet	1	0.04 kg
431142	FO duplex patch cord SCD - SCD, G50/125 OM4	violet	2	0.06 kg
431143	FO duplex patch cord SCD - SCD, G50/125 OM4	violet	3	0.07 kg
431144	FO duplex patch cord SCD - SCD, G50/125 OM4	violet	4	0.06 kg
431145	FO duplex patch cord SCD - SCD, G50/125 OM4	violet	5	0.07 kg
431146	FO duplex patch cord SCD - SCD, G50/125 OM4	violet	6	0.08 kg
431147	FO duplex patch cord SCD - SCD, G50/125 OM4	violet	7	0.09 kg
431148	FO duplex patch cord SCD - SCD, G50/125 OM4	violet	8	0.1 kg
431149	FO duplex patch cord SCD - SCD, G50/125 OM4	violet	9	0.11 kg
431150	FO duplex patch cord SCD - SCD, G50/125 OM4	violet	10	0.19 kg
431152	FO duplex patch cord SCD - SCD, G50/125 OM4	violet	11	0.21 kg
431153	FO duplex patch cord SCD - SCD, G50/125 OM4	violet	12	0.22 kg
431154	FO duplex patch cord SCD - SCD, G50/125 OM4	violet	13	0.24 kg
431155	FO duplex patch cord SCD - SCD, G50/125 OM4	violet	14	0.25 kg
431156	FO duplex patch cord SCD - SCD, G50/125 OM4	violet	15	0.27 kg
431157	FO duplex patch cord SCD - SCD, G50/125 OM4	violet	16	0.29 kg
431158	FO duplex patch cord SCD - SCD, G50/125 OM4	violet	17	0.31 kg
431159	FO duplex patch cord SCD - SCD, G50/125 OM4	violet	18	0.33 kg
431160	FO duplex patch cord SCD - SCD, G50/125 OM4	violet	19	0.34 kg
431161	FO duplex patch cord SCD - SCD, G50/125 OM4	violet	20	0.35 kg
431162	FO duplex patch cord SCD - SCD, G50/125 OM4	violet	21	0.37 kg
431163	FO duplex patch cord SCD - SCD, G50/125 OM4	violet	22	0.38 kg
431164	FO duplex patch cord SCD - SCD, G50/125 OM4	violet	23	0.4 kg
431165	FO duplex patch cord SCD - SCD, G50/125 OM4	violet	24	0.42 kg
431166	FO duplex patch cord SCD - SCD, G50/125 OM4	violet	25	0.43 kg