

## FO duplex patch cord ST - ST

G50/125 OM2



image similar

### 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 61754-2
Standard connector B	IEC 61754-2

## 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]
422251	FO duplex patch cord ST - ST, G50/125 OM2	orange	1	0.04 kg
422252	FO duplex patch cord ST - ST, G50/125 OM2	orange	2	0.1 kg
422253	FO duplex patch cord ST - ST, G50/125 OM2	orange	3	0.12 kg
422254	FO duplex patch cord ST - ST, G50/125 OM2	orange	4	0.16 kg
422255	FO duplex patch cord ST - ST, G50/125 OM2	orange	5	0.19 kg
422256	FO duplex patch cord ST - ST, G50/125 OM2	orange	6	0.22 kg
422257	FO duplex patch cord ST - ST, G50/125 OM2	orange	7	0.26 kg
422258	FO duplex patch cord ST - ST, G50/125 OM2	orange	8	0.29 kg
422259	FO duplex patch cord ST - ST, G50/125 OM2	orange	9	0.31 kg
422260	FO duplex patch cord ST - ST, G50/125 OM2	orange	10	0.36 kg

Subject to technical modification

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