

## FO duplex patch cord ST/PC - ST/PC

G50/125 OM2, Duplex Fig. 0



### Description

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

### Construction

Cable	Duplex Fig. 0
Cable construction	I-V(ZN)HH (4.8x3.2 mm)

### General properties

Operating temperature	-10 °C - +60 °C
Outer sheath colour	orange
Outer sheath material	LSZH

## Optical Properties

Grade IEC61755, connector A (better than)	Bm2m
Grade IEC61755, connector B (better than)	Bm2m
Lifetime	1000 connections with stable attenuation values
Reproducibility of the IL	a maximum of +/- 0.1dB
Standard connector A	IEC 61754-2
Standard connector B	IEC 61754-2
Fibre type	G50/125 OM2
Ferrule material	Zirconia
Connector type side A	ST/PC
IL maximal, connector A	0.3 dB
IL typical, connector A	0.15 dB
RL minimal, connector A	30 dB
RL typical, connector A	35 dB
Connector type side B	ST/PC
IL maximal, connector B	0.3 dB
IL typical, connector B	0.15 dB
RL minimal, connector B	30 dB
RL typical, connector B	35 dB

## 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]	GTIN / EAN
422251	FO duplex patch cord ST/PC - ST/PC, G50/125 OM2	1	0.04 kg	40393910159004
422252	FO duplex patch cord ST/PC - ST/PC, G50/125 OM2	2	0.06 kg	40393910158991
422253	FO duplex patch cord ST/PC - ST/PC, G50/125 OM2	3	0.08 kg	40393910158984
422254	FO duplex patch cord ST/PC - ST/PC, G50/125 OM2	4	0.1 kg	40393910158977
422255	FO duplex patch cord ST/PC - ST/PC, G50/125 OM2	5	0.12 kg	40393910158960
422256	FO duplex patch cord ST/PC - ST/PC, G50/125 OM2	6	0.14 kg	40393910158953
422257	FO duplex patch cord ST/PC - ST/PC, G50/125 OM2	7	0.16 kg	40393910158946
422258	FO duplex patch cord ST/PC - ST/PC, G50/125 OM2	8	0.18 kg	40393910158939
422259	FO duplex patch cord ST/PC - ST/PC, G50/125 OM2	9	0.2 kg	40393910158922
422260	FO duplex patch cord ST/PC - ST/PC, G50/125 OM2	10	0.22 kg	40393910158915