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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.

## OPTICAL PROPERTIES

Ferrule material:	Zirconia
Lifetime:	1000 connections with stable attenuation values
Reproducibility of the IL:	maximal +/- 0.1dB
Testing method IL:	IEC 61300-3-4
Testing method RL:	IEC 61300-3-6
Connector type side A:	SCD
IL typical, connector A:	0.15 dB
IL maximal, connector A:	0.3 dB
RL typical, connector A:	35 dB
RL minimal, connector A:	30 dB
Grade, connector A (better than):	Bm2m
Connector type side B:	ST
IL typical, connector B:	0.15 dB
IL maximal, connector B:	0.3 dB
RL typical, connector B:	35 dB
RL minimal, connector B:	30 dB
Grade, connector B (better than):	Bm2m

## MECHANICAL PROPERTIES

Cable construction:	I-V(ZN)HH (4.8x3.2 mm)
Minimum bending radius:	50 mm
Connector cable retention:	100 N
Tensile load (IEC 60794-1-21 E1 0,33% reversible fibre elongation):	200 N
Crush resistance (IEC 60794-1-21 E3, reversible fibre attenuation):	≤ 0,2 dB
Impact:	IEC 60794-1-21 E4
Repeated bending:	IEC 60794-1-21 E6
Bending (IEC 60794-1-21 E11, reversible fibre attenuation):	≤ 0,5 dB
Torsion (IEC 60794-1-21 E7, reversible fibre attenuation):	≤ 0,1 dB
Operating temperature:	-10 °C - +60 °C

## VERSIONS

Article No.	Product	Sheath	Sheath colour	Length [m]
421251	FO duplex patch cord SCD - ST, G50/125 OM2	LSZH	orange	1 m
421252	FO duplex patch cord SCD - ST, G50/125 OM2	LSZH	orange	2 m
421253	FO duplex patch cord SCD - ST, G50/125 OM2	LSZH	orange	3 m
421254	FO duplex patch cord SCD - ST, G50/125 OM2	LSZH	orange	4 m
421255	FO duplex patch cord SCD - ST, G50/125 OM2	LSZH	orange	5 m

**FO duplex patch cord SCD - ST**  
G50/125 OM2



421256	FO duplex patch cord SCD - ST, G50/125 OM2	LSZH	orange	6 m
421257	FO duplex patch cord SCD - ST, G50/125 OM2	LSZH	orange	7 m
421258	FO duplex patch cord SCD - ST, G50/125 OM2	LSZH	orange	8 m
421259	FO duplex patch cord SCD - ST, G50/125 OM2	LSZH	orange	9 m
421260	FO duplex patch cord SCD - ST, G50/125 OM2	LSZH	orange	10 m