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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:	LSH
IL typical, connector A:	0.12 dB
IL maximal, connector A:	0.25 dB
RL typical, connector A:	55 dB
RL minimal, connector A:	50 dB
Grade, connector A (better than):	B2
Connector type side B:	LSH
IL typical, connector B:	0.12 dB
IL maximal, connector B:	0.25 dB
RL typical, connector B:	55 dB
RL minimal, connector B:	50 dB
Grade, connector B (better than):	B2

## 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]
424411	FO duplex patch cord LSH - LSH, E9/125 G.652.D OS2	LSZH	yellow	1 m
424412	FO duplex patch cord LSH - LSH, E9/125 G.652.D OS2	LSZH	yellow	2 m
424413	FO duplex patch cord LSH - LSH, E9/125 G.652.D OS2	LSZH	yellow	3 m
424414	FO duplex patch cord LSH - LSH, E9/125 G.652.D OS2	LSZH	yellow	4 m
424415	FO duplex patch cord LSH - LSH, E9/125 G.652.D OS2	LSZH	yellow	5 m

**FO duplex patch cord LSH - LSH**  
E9/125 G.652.D OS2



424416	FO duplex patch cord LSH - LSH, E9/125 G.652.D OS2	LSZH	yellow	6 m
424417	FO duplex patch cord LSH - LSH, E9/125 G.652.D OS2	LSZH	yellow	7 m
424418	FO duplex patch cord LSH - LSH, E9/125 G.652.D OS2	LSZH	yellow	8 m
424419	FO duplex patch cord LSH - LSH, E9/125 G.652.D OS2	LSZH	yellow	9 m
424420	FO duplex patch cord LSH - LSH, E9/125 G.652.D OS2	LSZH	yellow	10 m