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DESCRIPTION

Datwyler offers a broad range of terminated connectors for individual customer needs.
For all patch cords single cables with 2.0 mm are used.

OPTICAL PROPERTIES

Ferrule material:	Zirconia
Lifetime:	1000 connections with stable attenuation values
Reproducibility of the IL:	a maximum of +/- 0.1dB
Testing method IL:	IEC 61300-3-4
Testing method RL:	IEC 61300-3-6
Connector type side A:	SC/PC
IL typical, connector A:	0.12 dB
IL maximal, connector A:	0.25 dB
RL typical, connector A:	70 dB
RL minimal, connector A:	50 dB
Grade, connector A (better than):	better than B2
Connector type side B:	SC/APC
IL typical, connector B:	0.12 dB
IL maximal, connector B:	0.25 dB
RL typical, connector B:	70 dB
RL minimal, connector B:	65 dB
Grade, connector B (better than):	better than B1

MECHANICAL PROPERTIES

Cable construction:	I-V(ZN)HH (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 (°C):	-10 °C - +60 °C

VERSIONS

Article No.	Product	Sheath	Sheath colour	Connector type side A	Length [m]	Connector type side B	Type of fibre
344784	FO simplex patch cord SC/PC - SC/APC, E9/125 G.657.A1 OS2	LSZH	yellow	SC/APC	1	SC/PC	G.657.A1
344785	FO simplex patch cord SC/PC - SC/APC, E9/125 G.657.A1 OS2	LSZH	yellow	SC/APC	2	SC/PC	G.657.A1
344786	FO simplex patch cord SC/PC - SC/APC, E9/125 G.657.A1 OS2	LSZH	yellow	SC/APC	3	SC/PC	G.657.A1