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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:          | 0.12 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:            | FC-PC   |
| 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] |
|-------------|--|--------|---------------|------------|
| 421511      | FO duplex patch cord SCD - FC-PC, E9/125 G.652.D OS2 | LSZH   | yellow        | 1 m        |
| 421512      | FO duplex patch cord SCD - FC-PC, E9/125 G.652.D OS2 | LSZH   | yellow        | 2 m        |
| 421513      | FO duplex patch cord SCD - FC-PC, E9/125 G.652.D OS2 | LSZH   | yellow        | 3 m        |
| 421514      | FO duplex patch cord SCD - FC-PC, E9/125 G.652.D OS2 | LSZH   | yellow        | 4 m        |
| 421515      | FO duplex patch cord SCD - FC-PC, E9/125 G.652.D OS2 | LSZH   | yellow        | 5 m        |

**FO duplex patch cord SCD - FC-PC**  
E9/125 G.652.D OS2



|        |  |      |        |      |
|--------|--|------|--------|------|
| 421516 | FO duplex patch cord SCD - FC-PC, E9/125 G.652.D OS2 | LSZH | yellow | 6 m  |
| 421517 | FO duplex patch cord SCD - FC-PC, E9/125 G.652.D OS2 | LSZH | yellow | 7 m  |
| 421518 | FO duplex patch cord SCD - FC-PC, E9/125 G.652.D OS2 | LSZH | yellow | 8 m  |
| 421519 | FO duplex patch cord SCD - FC-PC, E9/125 G.652.D OS2 | LSZH | yellow | 9 m  |
| 421520 | FO duplex patch cord SCD - FC-PC, E9/125 G.652.D OS2 | LSZH | yellow | 10 m |