

## FO duplex patch cord LCD/PC - SCD/PC

G50/125 OM2, Duplex Fig. 0

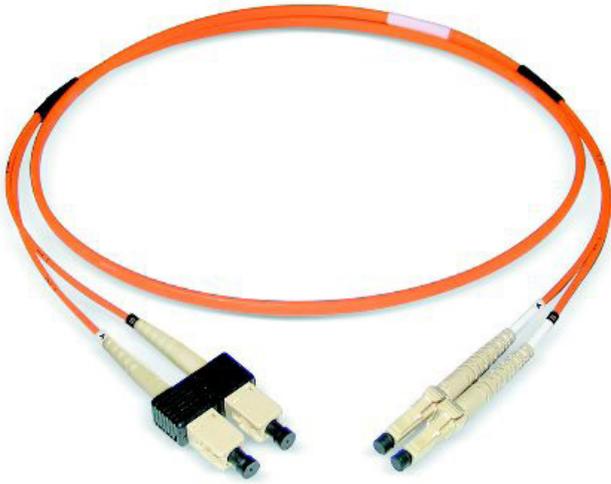


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### Description

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

### Construction

|                       |                       |
|-----------------------|-----------------------|
| Cable                 | Duplex Fig. 0         |
| Cable construction    | I-V(ZN)HH (5.0x3.0mm) |
| Outer sheath colour   | orange                |
| Outer sheath material | LSZH                  |

### General properties

|                       |                 |
|-----------------------|-----------------|
| Operating temperature | -10 °C - +60 °C |
|-----------------------|-----------------|

## Optical Properties

|   |   |
|---|---|
| Lifetime                                  | 1000 connections with stable attenuation values |
| Reproducibility of the IL                 | a maximum of +/- 0.1dB                          |
| Fibre type                                | G50/125 OM2                                     |
| Ferrule material                          | Zirconia  |
| Connector type side A                     | LCD/PC  |
| IL maximal, connector A                   | 0.25 dB   |
| IL typical, connector A                   | 0.15 dB   |
| RL minimal, connector A                   | 30 dB   |
| RL typical, connector A                   | 35 dB   |
| Grade IEC61755, connector A (better than) | Bm2m  |
| Standard connector A                      | IEC 61754-20                                    |
| Connector type side B                     | SCD/PC  |
| IL maximal, connector B                   | 0.25 dB   |
| IL typical, connector B                   | 0.15 dB   |
| RL minimal, connector B                   | 30 dB   |
| RL typical, connector B                   | 35 dB   |
| Grade IEC61755, connector B (better than) | Bm2m  |
| Standard connector B                      | IEC 61754-4                                     |

## 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 |
| 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 |

## Standards

|                  |                   |
|------------------|-------------------|
| Impact           | IEC 60794-1-21 E4 |
| Repeated bending | IEC 60794-1-21 E6 |

## Versions

| Material number | Product   | Length (m) | Polarity | Weight [kg] | GTIN / EAN     |
|-----------------|---|------------|----------|-------------|----------------|
| 421351          | FO duplex patch cord LCD/PC - SCD/PC, G50/125 OM2 | 1          | A to B   | 0.04 kg     | 40393910160895 |
| 421352          | FO duplex patch cord LCD/PC - SCD/PC, G50/125 OM2 | 2          | A to B   | 0.06 kg     | 40393910160888 |
| 421353          | FO duplex patch cord LCD/PC - SCD/PC, G50/125 OM2 | 3          | A to B   | 0.08 kg     | 40393910160871 |
| 421354          | FO duplex patch cord LCD/PC - SCD/PC, G50/125 OM2 | 4          | A to B   | 0.1 kg      | 40393910160864 |
| 421355          | FO duplex patch cord LCD/PC - SCD/PC, G50/125 OM2 | 5          | A to B   | 0.12 kg     | 40393910160857 |
| 421356          | FO duplex patch cord LCD/PC - SCD/PC, G50/125 OM2 | 6          | A to B   | 0.14 kg     | 40393910160840 |
| 421357          | FO duplex patch cord LCD/PC - SCD/PC, G50/125 OM2 | 7          | A to B   | 0.16 kg     | 40393910160833 |

| Material number | Product   | Length (m) | Polarity | Weight [kg] | GTIN / EAN     |
|-----------------|---|------------|----------|-------------|----------------|
| 421358          | FO duplex patch cord LCD/PC - SCD/PC, G50/125 OM2 | 8          | A to B   | 0.18 kg     | 40393910160826 |
| 421359          | FO duplex patch cord LCD/PC - SCD/PC, G50/125 OM2 | 9          | A to B   | 0.2 kg      | 40393910160819 |
| 421360          | FO duplex patch cord LCD/PC - SCD/PC, G50/125 OM2 | 10         | A to B   | 0.22 kg     | 40393910160802 |

Subject to technical modification

As of 2023-11-23 14:37:01