

## FO duplex patch cord LCD - LCD/APC

E9/125 G.652.D OS2

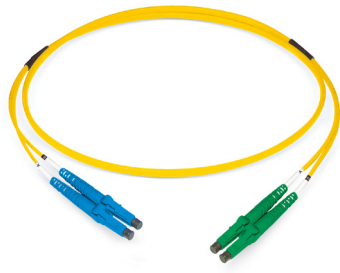


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### Description

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.

### General Properties

|                       |                        |
|-----------------------|------------------------|
| Cable construction    | I-V(ZN)HH (4.8x3.2 mm) |
| Operating temperature | -10 °C - +60 °C        |

### Optical Properties

|                                  |   |
|----------------------------------|---|
| Ferrule material                 | Zirconia  |
| Grade, connector A (better than) | B2  |
| Grade, connector B (better than) | B1  |
| IL maximal, connector A          | 0.25 dB   |
| IL maximal, connector B          | 0.25 dB   |
| IL typical, connector A          | 0.12 dB   |
| IL typical, connector B          | 0.12 dB   |
| Lifetime                         | 1000 connections with stable attenuation values |
| Reproducibility of the IL        | maximal +/- 0.1dB                               |
| RL minimal, connector A          | 50 dB   |
| RL minimal, connector B          | 65 dB   |
| RL typical, connector A          | 55 dB   |
| RL typical, connector B          | 70 dB   |
| Standard connector A             | IEC 61754-20                                    |
| Standard connector B             | IEC 61754-20                                    |

## 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          |
| Impact   | IEC 60794-1-21 E4 |
| Minimum bending radius   | 50 mm             |
| Repeated bending   | IEC 60794-1-21 E6 |
| 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          |

## Versions

| Material number | Product  | Outer sheath colour | Length (m) | Weight [kg] |
|-----------------|--|---------------------|------------|-------------|
| 423911          | FO duplex patch cord LCD - LCD/APC, E9/125 G.652.D OS2 | yellow              | 1          | 0.05 kg     |
| 423912          | FO duplex patch cord LCD - LCD/APC, E9/125 G.652.D OS2 | yellow              | 2          | 0.05 kg     |
| 423913          | FO duplex patch cord LCD - LCD/APC, E9/125 G.652.D OS2 | yellow              | 3          | 0.06 kg     |
| 423914          | FO duplex patch cord LCD - LCD/APC, E9/125 G.652.D OS2 | yellow              | 4          | 0.16 kg     |
| 423915          | FO duplex patch cord LCD - LCD/APC, E9/125 G.652.D OS2 | yellow              | 5          | 0.19 kg     |
| 423916          | FO duplex patch cord LCD - LCD/APC, E9/125 G.652.D OS2 | yellow              | 6          | 0.1 kg      |
| 423917          | FO duplex patch cord LCD - LCD/APC, E9/125 G.652.D OS2 | yellow              | 7          | 0.26 kg     |
| 423918          | FO duplex patch cord LCD - LCD/APC, E9/125 G.652.D OS2 | yellow              | 8          | 0.29 kg     |
| 423919          | FO duplex patch cord LCD - LCD/APC, E9/125 G.652.D OS2 | yellow              | 9          | 0.32 kg     |
| 423920          | FO duplex patch cord LCD - LCD/APC, E9/125 G.652.D OS2 | yellow              | 10         | 0.16 kg     |
| 423921          | FO duplex patch cord LCD - LCD/APC, E9/125 G.652.D OS2 | yellow              | 11         | 0.38 kg     |
| 423922          | FO duplex patch cord LCD - LCD/APC, E9/125 G.652.D OS2 | yellow              | 12         | 0.4 kg      |
| 423924          | FO duplex patch cord LCD - LCD/APC, E9/125 G.652.D OS2 | yellow              | 13         | 0.4 kg      |
| 423925          | FO duplex patch cord LCD - LCD/APC, E9/125 G.652.D OS2 | yellow              | 14         | 0.42 kg     |
| 423926          | FO duplex patch cord LCD - LCD/APC, E9/125 G.652.D OS2 | yellow              | 15         | 0.44 kg     |
| 423927          | FO duplex patch cord LCD - LCD/APC, E9/125 G.652.D OS2 | yellow              | 16         | 0.46 kg     |
| 423928          | FO duplex patch cord LCD - LCD/APC, E9/125 G.652.D OS2 | yellow              | 17         | 0.48 kg     |
| 423929          | FO duplex patch cord LCD - LCD/APC, E9/125 G.652.D OS2 | yellow              | 18         | 0.5 kg      |
| 423930          | FO duplex patch cord LCD - LCD/APC, E9/125 G.652.D OS2 | yellow              | 19         | 0.52 kg     |
| 423931          | FO duplex patch cord LCD - LCD/APC, E9/125 G.652.D OS2 | yellow              | 20         | 0.54 kg     |
| 423932          | FO duplex patch cord LCD - LCD/APC, E9/125 G.652.D OS2 | yellow              | 21         | 0.56 kg     |
| 423933          | FO duplex patch cord LCD - LCD/APC, E9/125 G.652.D OS2 | yellow              | 22         | 0.58 kg     |

| Material number | Product   | Outer sheath colour | Length (m) | Weight [kg] |
|-----------------|---|---------------------|------------|-------------|
| 423934          | FO duplex patch cord LCD - LCD/APC, E9/125<br>G.652.D OS2 | yellow              | 23         | 0.6 kg      |
| 423935          | FO duplex patch cord LCD - LCD/APC, E9/125<br>G.652.D OS2 | yellow              | 24         | 0.62 kg     |
| 423936          | FO duplex patch cord LCD - LCD/APC, E9/125<br>G.652.D OS2 | yellow              | 25         | 0.64 kg     |

Subject to technical modification

As of 2020-09-21 10:29:32