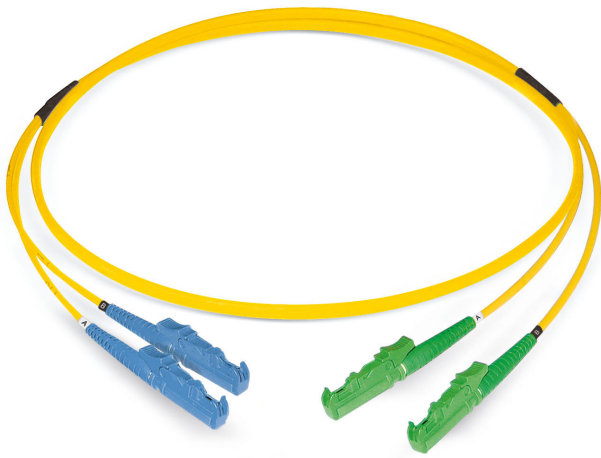


## FO duplex patch cord LSH/PC - LSH/APC

E9/125 G.652.D BLO, Duplex Fig. 8



### Description

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

### Construction

|                    |                        |
|--------------------|------------------------|
| Cable              | Duplex Fig. 8          |
| Cable construction | I-V(ZN)H (4.1 x 2.0mm) |

### General properties

|                       |                 |
|-----------------------|-----------------|
| Operating temperature | -10 °C - +60 °C |
| Outer sheath colour   | yellow          |

## Optical Properties

|   |   |
|---|---|
| Grade IEC61755, connector A (better than) | B2  |
| Grade IEC61755, connector B (better than) | B1  |
| Lifetime                                  | 1000 connections with stable attenuation values |
| Reproducibility of the IL                 | a maximum of +/- 0.1dB                          |
| Standard connector A                      | IEC 61754-15                                    |
| Standard connector B                      | IEC 61754-15                                    |
| Fibre type                                | E9/125 G.652.D BLO                              |
| Ferrule material                          | Zirconia  |
| Connector type side A                     | LSH/PC  |
| IL maximal, connector A                   | 0.25 dB   |
| IL typical, connector A                   | 0.12 dB   |
| RL minimal, connector A                   | 50 dB   |
| RL typical, connector A                   | 55 dB   |
| Connector type side B                     | LSH/APC   |
| IL maximal, connector B                   | 0.25 dB   |
| IL typical, connector B                   | 0.12 dB   |
| RL minimal, connector B                   | 65 dB   |
| RL typical, connector B                   | 70 dB   |

## 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   | Length (m) | Weight [kg] | GTIN / EAN     |
|-----------------|---|------------|-------------|----------------|
| 42482308ZY      | FO duplex patch cord LSH/PC - LSH/APC, E9/125 G.652.D OS2 |            |             | 40393910083880 |
| 42481108ZY      | FO duplex patch cord LSH/PC - LSH/APC, E9/125 G.652.D OS2 | 1          | 0.02 kg     | 40393910083989 |
| 42481208ZY      | FO duplex patch cord LSH/PC - LSH/APC, E9/125 G.652.D OS2 | 2          | 0.03 kg     | 40393910083972 |
| 42481308ZY      | FO duplex patch cord LSH/PC - LSH/APC, E9/125 G.652.D OS2 | 3          | 0.04 kg     | 40393910083965 |
| 42481408ZY      | FO duplex patch cord LSH/PC - LSH/APC, E9/125 G.652.D OS2 | 4          | 0.05 kg     | 40393910083958 |
| 42481508ZY      | FO duplex patch cord LSH/PC - LSH/APC, E9/125 G.652.D OS2 | 5          | 0.06 kg     | 40393910083941 |
| 42481608ZY      | FO duplex patch cord LSH/PC - LSH/APC, E9/125 G.652.D OS2 | 6          | 0.06 kg     | 40393910083934 |
| 42481708ZY      | FO duplex patch cord LSH/PC - LSH/APC, E9/125 G.652.D OS2 | 7          | 0.07 kg     | 40393910083927 |

| Material number | Product  | Length (m) | Weight [kg] | GTIN / EAN     |
|-----------------|--|------------|-------------|----------------|
| 42481808ZY      | FO duplex patch cord LSH/PC - LSH/APC, E9/125<br>G.652.D OS2 | 8          | 0.08 kg     | 40393910083910 |
| 42481908ZY      | FO duplex patch cord LSH/PC - LSH/APC, E9/125<br>G.652.D OS2 | 9          | 0.09 kg     | 40393910083903 |
| 42482008ZY      | FO duplex patch cord LSH/PC - LSH/APC, E9/125<br>G.652.D OS2 | 10         | 0.1 kg      | 40393910083897 |

Subject to technical modification

As of 2023-05-26 06:36:29