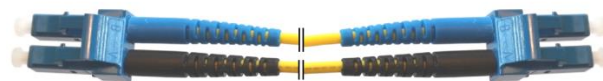


|                           |                                              |
|---------------------------|----------------------------------------------|
| 29033902                  | <b>DATA SHEET</b>                            |
| Valid from:<br>09.11.2020 | <b>GOF DUPLEX Patchcord LC/LC E9 OS2, 2m</b> |

## Description

- GOF Optical fiber Patchcord
- Straight LC-Duplex-plug on straight LC-Duplex-plug



## General characteristics

|                              |                                               |
|------------------------------|-----------------------------------------------|
| Connection method, connector | LC-Duplex (LC-D)                              |
| Fiber type                   | LC-Duplex (LC-D)                              |
| Number of lead               | Singlemode E9 OS2                             |
| Temperature range            | 2                                             |
|                              | -25°C to +70°C (-13°F to 158°F) (Operation)   |
|                              | -25°C to +70°C (-13°F to 158°F) (Storage)     |
|                              | -10°C to +60°C (14°F to 140°F) (Installation) |

## Variation

| Article  | Description                             | Polishing                     | Connector color |
|----------|-----------------------------------------|-------------------------------|-----------------|
| 29033902 | GOF DUPLEX Patchcord LC/LC E9 OS2, 2m   | PC ( physical contact)        | Blue            |
| 29033802 | GOF DUPLEX Patchcord LC/LC 9/125 APC 2m | APC (angled physical contact) | Green           |

## Additional note

Standard length 2m. Data sheet also valid for variant lengths.

## Optical properties

|                       |                             |
|-----------------------|-----------------------------|
| Insertion loss (max.) | 0.25 dB /0.5 dB (mean/ 97%) |
| Return loss (min.)    | PC: 45 dB                   |
|                       | APC: 65 dB                  |

## Mechanical properties

### LC-D-Plug

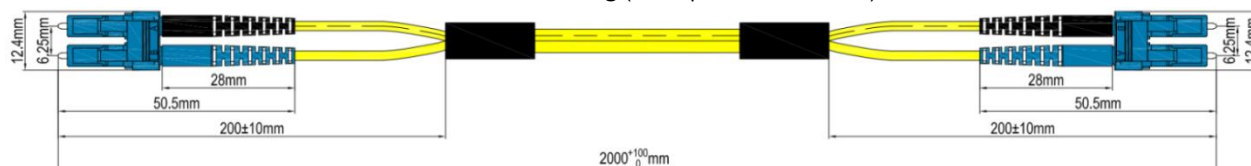
|                      |                                 |
|----------------------|---------------------------------|
| Housing, material    | PEI                             |
| Ferrule, material    | Zirconia                        |
| Ferrule-Ø            | 1.25 mm                         |
| Boot, material       | TPE, black and connector colour |
| Tensile strength     | 100 N                           |
| Mating cycles (min.) | 1000                            |

### Line

|                         |                      |
|-------------------------|----------------------|
| Outer coating, material | LSOH, yellow         |
| Cable outer diameter    | 2 mm                 |
| Min bending radius      | 50 mm (Installation) |
|                         | 25 mm (Operation)    |

## Technical drawing

Dimensional drawing (example of 29033902)



|                           |                                              |
|---------------------------|----------------------------------------------|
| 29033902                  | <b>DATA SHEET</b>                            |
| Valid from:<br>09.11.2020 | <b>GOF DUPLEX Patchcord LC/LC E9 OS2, 2m</b> |

### Standards / Approvals

|                                                        |                |
|--------------------------------------------------------|----------------|
| Fibre optic connector interfaces – Type LC             | IEC 61754-20   |
| Optical fibres – part 2-50: class B single-mode fibres | IEC 60793-2-50 |

### Application range

Office, Data centers, Industry

### Note

Photographs are not true to scale and do not represent detailed images of the respective products.