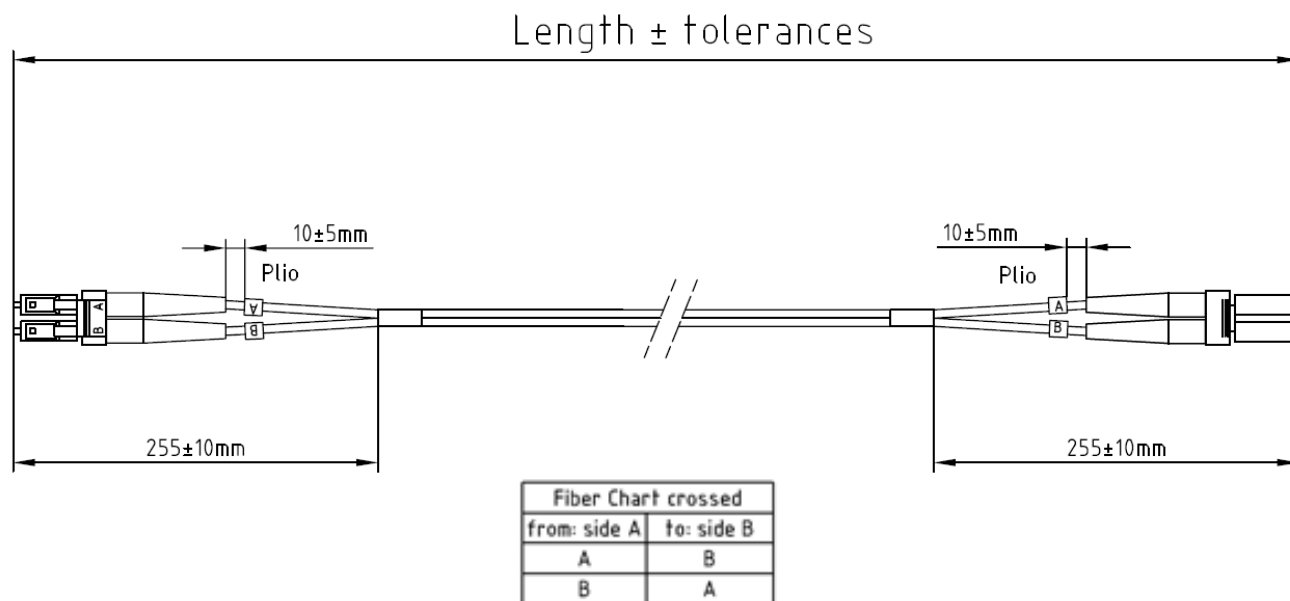




All dimensions are in mm; tolerances according to ISO 2768 m-H

### Description

This LC duplex single mode patchcord cable is designed for indoor use. The duplex cable is a yellow zip cable with flame retardant jacket which is UL (OFNR) approved. The fiber is bend insensitive G.657A according to ITU-T standard. Colour of the cable jacket is yellow.

### Available Variants

| Type             | Length (mm) |
|------------------|-------------|
| L98B-A0620-8000  | 8000        |
| L98B-A0620-10000 | 10000       |
| L98B-A0620-25000 | 25000       |

| Length (m) | Tolerances (mm) |
|------------|-----------------|
| L ≤ 1      | -50             |
| 1 < L ≤ 3  | -100            |
| 3 < L ≤ 25 | -200            |
| L > 25     | -1%             |

Cable assemblies in additional length variants are available.

### Parts

|             |                                                   |
|-------------|---------------------------------------------------|
| Connector A | 1x LC-Duplex single mode                          |
| Connector B | 1x LC-Duplex single mode                          |
| Cable       | Flame retardant FRNC yellow jacket, UL1666 (OFNR) |

## Optical data

|                   |                                                                          |
|-------------------|--------------------------------------------------------------------------|
| Cable             | 2 Fibers zip cable 9/125 µm single mode optical fiber according to ITU-T |
| Fiber             | G657A and G652D                                                          |
| Cable attenuation | ≤0.36 dB / km λ = 1310 nm<br>≤0.22 dB / km λ = 1550 nm                   |
| Connector A       | LC-Duplex                                                                |
| Insertion loss    | typ. 0.10 dB<br>max. 0.30 dB                                             |
| Return loss       | typ. 50 dB (UPC)                                                         |
| Connector B       | LC-Duplex                                                                |
| Insertion loss    | typ. 0.10 dB<br>max. 0.30 dB                                             |
| Return loss       | typ. 50 dB (UPC)                                                         |

## Mechanical data

|                                     |             |
|-------------------------------------|-------------|
| Cable diameter, jacket              | 2,0 x 4,3mm |
| <b>Minimum bending radius cable</b> |             |
| Installation                        | 40 mm       |
| Operation                           | 20 mm       |
| Max. tensile strength cable         | 120N        |
| Crush resistance                    | 200 N/dm    |

## Environmental data

|                                |                  |
|--------------------------------|------------------|
| Temperature range operation    | -20 °C to +70 °C |
| Temperature range storage      | -40 °C to +70 °C |
| Temperature range installation | -15 °C to +70 °C |
| RoHS, REACH                    | compliant        |

## Packing

|               |     |
|---------------|-----|
| Standard:     |     |
| Length < 30 m | tbd |

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

| Draft   | Date     | Approved | Date     | Rev. | Engineering change number | Name     | Date    |
|---------|----------|----------|----------|------|---------------------------|----------|---------|
| M.Tautz | 04/10/17 | S.Gleich | 04/10/17 | 100  | 17-0004                   | S.Gleich | 0410/17 |