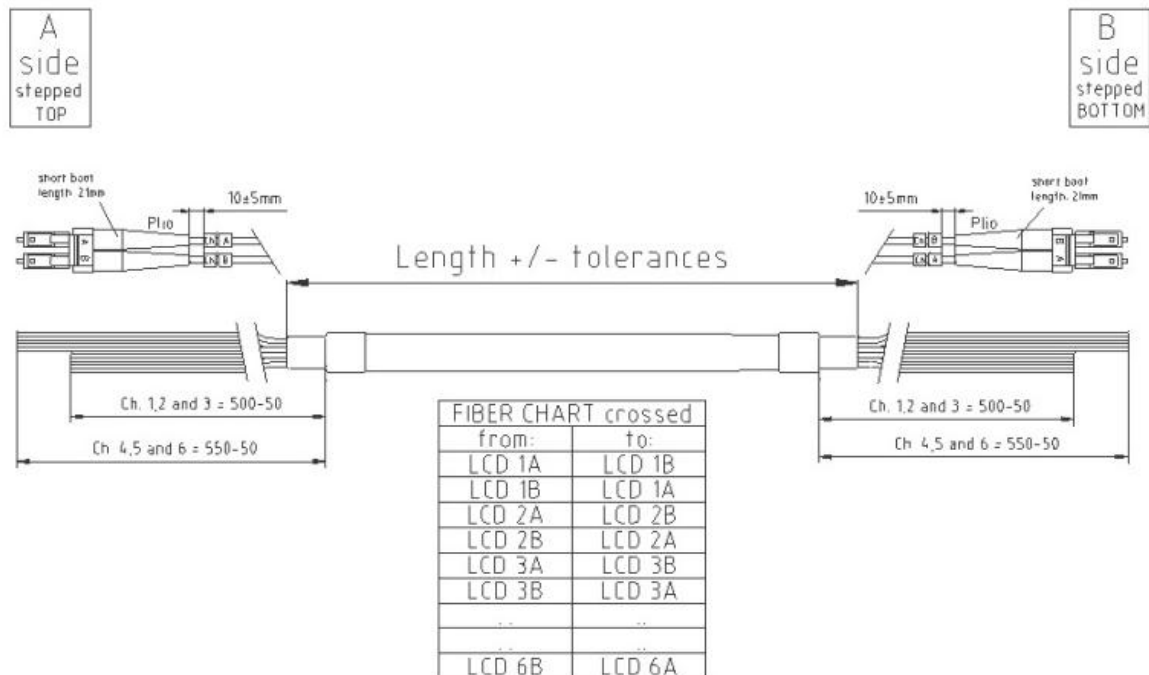




All dimensions are in mm; tolerances according to ISO 2768 m-H

### Description

These fibre optic cable assemblies are applicable to connect cross connect applications in telecommunication environment. The trunk supports 6 different optical channels by using colour coded ultra-short boot LC duplex connectors (LC connector with duplex clip) on both ends. The fan-outs are six times 2 mm (0,078 in) singular sub-elements. The trunks can be used indoor only. The cable is flame retardant and Riser rated (UL1666).

### Available Variants

| Type           | Length (ft)/(mm) | weight (g) / pce |
|----------------|------------------|------------------|
| L98B-200-10ft  | 10 / 3000±500    | 355              |
| L98B-200-15ft  | 15 / 4600±500    | 500              |
| L98B-200-20ft  | 20 / 6100±500    | 635              |
| L98B-200-25ft  | 25 / 7600±500    | 770              |
| L98B-200-30ft  | 30 / 9100±500    | 905              |
| L98B-200-40ft  | 40 / 12200±1000  | 1190             |
| L98B-200-50ft  | 50 / 15200±1000  | 1460             |
| L98B-200-60ft  | 60 / 18300±1000  | 1735             |
| L98B-200-75ft  | 75 / 22900±1500  | 2145             |
| L98B-200-80ft  | 80 / 24400±1500  | 2280             |
| L98B-200-85ft  | 85 / 25900±1500  | 2415             |
| L98B-200-100ft | 100 / 30500±1500 | 2830             |
| L98B-200-125ft | 125 / 38100±1500 | 3520             |
| L98B-200-150ft | 150 / 45720±1500 | 4200             |

Cable assemblies in additional length variants are available.

## Technical Data Sheet

Indoor Trunk Riser  
LCD – 9µG657A2 – LCD

**FB-L98B-200-XXX**

### Parts

|                  |                                                                                                                |
|------------------|----------------------------------------------------------------------------------------------------------------|
| Connector side A | 6 x LC- Duplex, single mode, ultra short boot                                                                  |
| Connector side B | 6 x LC- Duplex, single mode, ultra short boot                                                                  |
| Cable            | Flame retardant (FR) PVC, Riser rated (UL1666)                                                                 |
| Fibre marking    | Identification on single fan-out – using individually coloured boots (white, yellow, green, red, blue, black). |

### Optical data

|                                   |                                                                    |
|-----------------------------------|--------------------------------------------------------------------|
| Cable                             | 12 fibres                                                          |
| Fiber                             | 9/125 µm single mode optical fibre according to ITU-T G.657A2      |
| Attenuation Coefficient (typical) | ≤ 0.41 dB / km      λ = 1310 nm<br>≤ 0.41 dB / km      λ = 1550 nm |
| Connectors                        | LC- Duplex                                                         |
| Insertion loss                    | typ. 0.10 dB<br>max. 0.30 dB                                       |
| Return loss                       | typ. 55 dB (UPC)                                                   |

### Mechanical data

|                        |                   |
|------------------------|-------------------|
| Cable diameter, jacket | 0.41 in / 10,3 mm |
|------------------------|-------------------|

### Minimum bending radius cable

|              |                 |
|--------------|-----------------|
| Installation | 6.1 ft / 155 mm |
| Operation    | 4.1 ft / 104 mm |

### Max. tensile strength cable

|              |                 |
|--------------|-----------------|
| Installation | 150 lbs / 660 N |
| Long term    | 45 lbs / 200 N  |

### Environmental data

|                                |                                               |
|--------------------------------|-----------------------------------------------|
| Temperature range operation    | -20 °C to +70 °C (-4 °F to 158 °F)            |
| Temperature range storage      | -40 °C to +75 °C (-40 °F to 167 °F)           |
| Temperature range installation | 10 °C to +60 °C (50 °F to 140 °F)             |
| 2002/95/EC (RoHS)              | compliant                                     |
| Performance compliance         | Riser rated (UL 1666) / UL 1561 / Listed OFNR |

### Packing

Standard:  
1 pce in bag and x pce in box (depends on lengths)

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     |
|------------|----------|-----------|----------|------|---------------------------|------------|----------|
| U.Albrecht | 09/10/13 | S. Gleich | 09/10/13 | 300  | 13-0110                   | U.Albrecht | 21/10/13 |

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