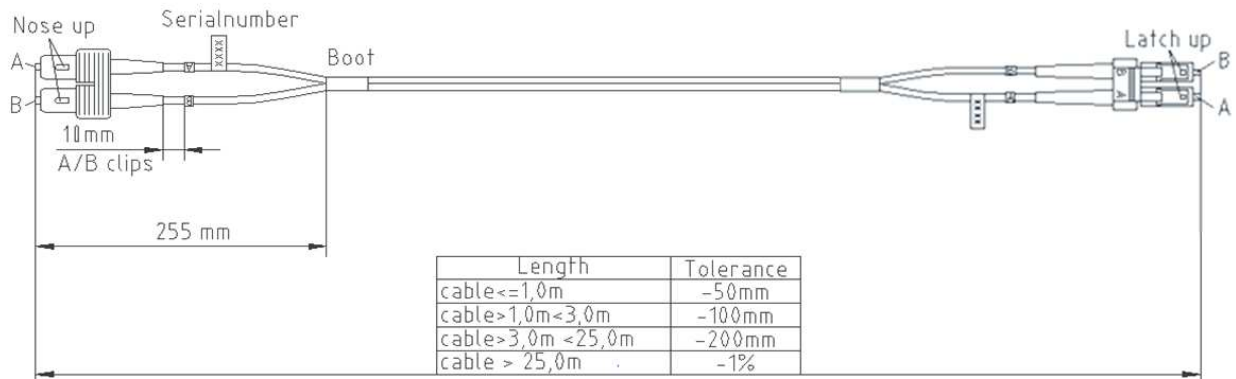




### Coding: crossed / flipped A to B

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

### Description

Patch Cord LCD to SCD with SM G652D fiber of indoor application.

### Available Variants

#### Type

L98A-108-XXX

#### Length (mm)

xxx

#### weight (g) / pcs

### Fiber-Optic Connectivity Systems

LCD, Singlemode acc. IEC61754-20

SCD, Singlemode acc. IEC61754-4

### Optical data

#### Cable:

Cable type

2 fiber flat-twin breakout cable, rugged double jacket  
2 x 2.8 mm subcable, outer dimensions 4.0 x 5.4 mm  
German description: I-V(ZN)H 2 x 2.8mm

Cable length:

FRNC-LSZH flame retardant, non-corrosive,  
low smoke, zero halogen jacket material, color yellow  
XXX mm

#### Fiber:

Fiber type:

Ø 9/125 µm G652D

Fiber count:

2

Attenuation Coefficient:

≤ 0.32 dB / km

λ = 1310 nm

≤ 0.18 dB / km

λ = 1550 nm

MFD(µm)

9.2±0.4

λ = 1310 nm

10.4±0.5

λ = 1550 nm

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |            |           |            |                                                     |                           |         |               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|------------|-----------------------------------------------------|---------------------------|---------|---------------|
| Technical Data Sheet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |            |           |            | Rosenberger                                         |                           |         |               |
| Duplex Patchcord LCD-SCD, I-V(ZH)H2X2.8mm (G652D)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |           |            | L98A-108-XXX                                        |                           |         |               |
| <div>LCD :</div> <div>Insertion Loss: ≤ 0.30 dB against reference</div> <div>Return Loss: ≥ 50 dB</div> <div>SCD</div> <div>Insertion Loss: ≤ 0.30 dB against reference</div> <div>Return Loss: ≥ 50 dB</div> <div>Mechanical data</div> <div>Cable dimensions, jacket 4.0X5.4 mm</div> <div>Max. tensile strength 600 N</div> <div>Max. Crush resistance 10 minutes: 600 N/dm</div> <div>Min. Bend radius static over flat side: 35 mm</div> <div>Environmental data</div> <div>Temperature range operation -10°C to +60 °C</div> <div>Temperature range storage -25 °C to +70 °C</div> <div>Packing</div> <div>Standard 1 piece in plastic bag</div> |            |           |            |                                                     |                           |         |               |
| <div>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.</div>                                                                                                                                                                                                                                                                                                |            |           |            |                                                     |                           |         |               |
| Draft                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Date       | Approved  | Date       | Rev.                                                | Engineering change number | Name    | Date          |
| Y.Zhang                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2015-10-09 | M.Ulbrich | 2015-10-20 | 01                                                  | 15-0003                   | Y.Zhang | 2015-10-10    |
| Rosenberger Hochfrequenztechnik GmbH & Co. KG<br>P.O.Box 1260 D-84526 Tittmoning Germany<br>www.rosenberger.de                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |           |            | Tel. : +49 8684 18-0<br>Email : info@rosenberger.de |                           |         | Page<br>2 / 2 |