

Patch cord FO, LC-Duplex PC/UPC Grade Bm - LC-Duplex PC/UPC Grade Bm, Multimode OM4 (G50), Duplex Figur 8 (2.0 x 4.2), FRLSZH, 5m



### DESCRIPTION

Both sides fitted with LC-Duplex PC connector.

Connector color: beige.

Lever color: heather violet.

Fiber: MM G50/125 (OM4), bend-optimized.

Cable: F8 2.0x4.1 mm, heather violet.

090.7544 / similar product

### TENDER

- Patch cord with LSZH jacket, F8 2.0x4.1 mm, heather violet (magenta), multimode G50 50/125  $\mu\text{m}$  (OM4), bend-optimized, length 5.

Mounted on both sides with LC-Duplex connectors in acc. with IEC 61754-20. Zirconia (ceramic) ferrule with a PC polished endface geometry, connectors qualified in acc. with IEC 61753-1 for category U (uncontrolled environment). Beige connector housing (multimode), heather violet duplex clip, material PC / UL 94 V-0, 1 x black and 1 x red strain relief, white plastic dust cover.

Optical specifications (random mated):

Performance:

- Insertion loss (IL) Grade Bm for 100% of the tested specimen:  $\leq 0.50$  dB / typical  $\leq 0.15$  dB
- Return loss (RL) Grade 3:  $\geq 35$  dB
- Mechanical specifications:
  - Mating cycles: delta IL  $< 0.2$  dB after 500 mating cycles
  - Pull-out force patch cord:  $\geq 100$  N (per connector)
  - Optional: Visual coding, mechanical coding and lock protection.

### TECHNICAL DATA






| DESCRIPTION                  | VALUE / VALUE RANGE            |
|------------------------------|--------------------------------|
| Cable type                   | Patch cord, polarity A-B       |
| Cable design                 | Single Jacket                  |
| Fiber type                   | Multimode (MM)                 |
| Outer sheath material        | FRLSZH                         |
| Cable sheath characteristics | zero-halogen                   |
| Patch cord type              | Duplex figure "8"              |
| Conductor type FO            | tight buffer                   |
| Fiber class                  | OM4                            |
| Fiber diameter               | G50 / 125 $\mu\text{m}$        |
| Number of connectors (A)     | 1                              |
| Number of connectors (B)     | 1                              |
| Cable overall diameter       | F8 2.0 x 4.1 mm ( $\pm 0.15$ ) |
| Connector type (A)           | LC-Duplex                      |
| Connector type (B)           | LC-Duplex                      |





|                           |                                   |
|---------------------------|-----------------------------------|
| Connector color (A)       | beige                             |
| Connector color (B)       | beige                             |
| Lever- / frame-coding (A) | Color                             |
| Lever color (A)           | heather violet                    |
| Lever- / frame-coding (B) | Color                             |
| Lever color (B)           | heather violet                    |
| Polishing plug (A)        | PC                                |
| Polishing plug (B)        | PC                                |
| Protection class IP (A)   | IP 20                             |
| Protection class IP (B)   | IP 20                             |
| Return loss grade RL (A)  | 3                                 |
| Return loss grade RL (B)  | 3                                 |
| Attenuation grade IL (A)  | Bm                                |
| Attenuation grade IL (B)  | Bm                                |
| Connector class           | connector                         |
| CPR classification        | Eca                               |
| Standard                  | LC connector acc. to IEC 61754-20 |
| Cable length              | 5 m                               |

### MECHANICAL DATA

| DESCRIPTION  | VALUE / VALUE RANGE |
|--------------|---------------------|
| Color        | heather violet      |
| Cable Length | 5.0 m / 16 ft       |

### ACCESSORIES

| Type        | Picture   | Description                               | Article | E-Number  |
|-------------|---|---|---------|-----------|
| Accessories |  | Boot 90° R30                              | R505756 |           |
| Accessories |  | Color Clip LC-Duplex Connector, orange    | R508097 | 966740005 |
| Accessories |  | Color Clip LC-Duplex Connector, green     | R508098 | 966740045 |
| Accessories |  | Color Clip LC-Duplex Connector, black     | R508099 | 966740085 |
| Accessories |  | Color Clip LC-Duplex Connector, turquoise | R508100 | 966740075 |
| Accessories |  | Color Clip LC-Duplex Connector, violet    | R508101 | 966740035 |
| Accessories |  | Color Clip LC-Duplex Connector, yellow    | R508102 | 966740055 |
| Accessories |  | Color Clip LC-Duplex Connector, red       | R508103 | 966740065 |

| Type        | Picture   | Description                               | Article | E-Number  |
|-------------|---|---|---------|-----------|
| Accessories |  | Color Clip LC-Duplex Connector, blue      | R508104 | 966740025 |
| Accessories |  | Color Clip LC-Duplex Connector, beige     | R508105 | 966740015 |
| Accessories |  | Plug Guard LC-Duplex Connector            | R508116 | 977911215 |
| Accessories |  | inteliPhy Monitor RFID clip pair LC-Duple | R809349 |           |