

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, 3m

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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 µm (OM4), bend-optimized, length 3.

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: ≤ 0.50 dB / typical ≤ 0.15 dB
- Return loss (RL) Grade 3: ≥ 35 dB
- Mechanical specifications:
- Mating cycles: delta IL < 0.2 dB after 500 mating cycles
- Pull-out force patch cord: ≥ 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 | low smoke |
| Patch cord type | Duplex figure "8" |
| Conductor type FO | tight buffer |
| Fiber class | OM4 |
| Fiber diameter | G50 / 125 µm |
| Number of connectors (A) | 1 |
| Number of connectors (B) | 1 |
| Cable overall diameter | F8 2.0 x 4.1 mm (± 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 | 3 m |

MECHANICAL DATA

| DESCRIPTION | VALUE / VALUE RANGE |
|--------------|---------------------|
| Color | heather violet |
| Cable Length | 3.0 m / 9 ft 10 in |

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-Duplex | R809349 | |