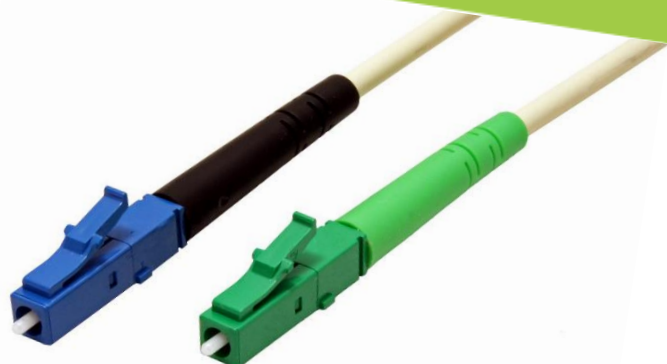


LC/APC-LC/UPC

PATCHCORD DATASHEET

Connector LC properties



| Connector LC | Multimode OM1, OM2, OM3, OM4 | Singlemode OS2 |
|---------------------------|---------------------------------|--------------------|
| Polishing | APC | APC |
| Return loss | ≤ 20 dB | ≤ 55 dB |
| Insertion loss | ≤ 0,3 dB | 0,15 dB (typical) |
| Ferrule material | Ceramic (zirkonía) | Ceramic (zirkonía) |
| Ferrule diameter | 1,25 mm | 1,25 mm |
| Instion/extraction cycles | min. 1000 | min. 1000 |

Connector LC properties

| Connector LC | Multimode OM1, OM2, OM3, OM4 | Singlemode OS2 |
|---------------------------|---------------------------------|--------------------|
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| Insertion loss | ≤ 0,3 dB | 0,15 dB (typical) |
| Ferrule material | Ceramic (zirkonía) | Ceramic (zirkonía) |
| Ferrule diameter | 1,25mm | 1,25 mm |
| Instion/extraction cycles | min. 1000 | min. 1000 |

Cable properties

| Cabled optical fibre | OM1 | OM2 | OM3 | OM4 | OS2 |
|---|---------------|---------------|---------------|---------------|----------------|
| Nominal diameter core/ sheath | 62,5/125 µm | 50/125 µm | 50/125 µm | 50/125 µm | 09/125 µm |
| Color | orange | orange | tuquoise | purple | Yellow |
| Auter diameter | 1,8 mm | 1,8 mm | 1,8 mm | 1,8 mm | 1,8 mm |
| Sheath material | LSOH | LSOH | LSOH | LSOH | LSOH |
| Beding radius (static) | 45 mm | 45 mm | 45 mm | 45 mm | 45 mm |
| Temperature range | -20°C to+70°C | -20°C to+70°C | -20°C to+70°C | -20°C to+70°C | -20°C to+70°C |
| Attenuation @ 850/ 1300nm (dB/km) | ≤3,2/≤0,8 | ≤3,2/≤0,8 | ≤3,2/≤0,8 | ≤3,2/≤0,8 | ≤3,2/≤0,8 |
| Attenuation @ 1310/1383/1550 nm (dB/km) | - | - | - | - | ≤0,4/≤0,4/≤0,4 |

| Bandwidth | OM1 | OM2 | OM3 | OM4 |
|-------------------------------|---------|---------|----------|----------|
| 850/1300 nm (MHz.km) @ LED | 200/500 | 500/500 | 1500/500 | 3500/500 |
| 850 nm (MHz.km) @LASER | - | - | 2000 | 4700 |