



## Technical Specifications

| Specifications cable (A)                        |   |
|---|---|
| Type  | Patchcord - Duplex  |
| Outer diameter                                  | 1.8mm   |
| Tensile strength                                | 90N (short time 150N)   |
| Minimal bending radius cable                    |   |
| Minimal bending radius cable under tensile load |   |
| Operation temp.                                 | -20°C to +70°C  |
| Outer Jacket                                    | LSZH  |
| Cable colour                                    | Erika Violet  |
| Cable printing                                  | ACT Premium Multimode Fiber Optical Patch Cable 50/125 OM4 LSZH |

| Specifications Connector (B, C) |                         |
|---------------------------------|-------------------------|
| Connector                       | LC Duplex               |
| Polishing Connector             | UPC                     |
| Ferrule Connector               | Ceramic Zirconia (ZrO2) |
| Ferrule Diamater                | 1.25MM                  |
| Housing                         | Ivory (PC)              |
| Clip                            | Ivory (PP)              |
| Boot                            | White/Yellow (TPE)      |
| Tube                            | White/Yellow (PVC)      |
| Cap                             | White(PE)               |

| Specifications fiber         |           |
|------------------------------|-----------|
| Fiber type                   | Multimode |
| Fiber class                  | OM4       |
| Diameter core / cladding     | 50/125    |
| Minimal bending radius fiber |           |

| Specifications optical performance |         |
|------------------------------------|---------|
| Insertion Loss (IL) typical        | 0.1 dB  |
| Insertion Loss (IL) maximum        | 0.15 dB |
| Return Loss (RL)                   | ? 45 dB |

| Standard compliances                 |               |
|--------------------------------------|---------------|
| ANSI/TIA-568-D                       |               |
| ISO 11801 OM4/IEC60793-2-10 type A1a |               |
| Telcordia GR-326 CORE                |               |
| Fire performance                     |               |
| Flame retardancy                     | IEC 60332-1-2 |
| Smoke density LS                     | IEC 61034     |
| Absence of halogen ZH                | IEC 60754-1   |

Product Information

| Item   |       |
|--------|-------|
| RL9745 | 45.0M |

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