



## 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 |

**ACT**

Drawn by : M. Diks

ACT Multimode Fiber Optic duplex patch cable 50/125 OM4

Item : RL97xx

Revision : 1.0


Date : 14-03-2024

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| 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 |

|   |  |                   |
|---|--|-------------------|
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| 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

| Article code | Length(m) | Article code | Length(m) | Article code | Length(m) | Article code | Length(m) |
|--------------|-----------|--------------|-----------|--------------|-----------|--------------|-----------|
| RL9752       | 0.25M     | RL9703       | 3.00M     | RL9715       | 15.0M     | RL9730       | 30.0M     |
| RL9700       | 0.50M     | RL9704       | 4.00M     | RL9717       | 17.0M     | RL9735       | 35.0M     |
| RL9701       | 1.00M     | RL9705       | 5.00M     | RL9720       | 20.0M     | RL9740       | 40.0M     |
| RL9751       | 1.50M     | RL9707       | 7.00M     | RL9722       | 22.0M     | RL9745       | 45.0M     |
| RL9702       | 2.00M     | RL9710       | 10.0M     | RL9725       | 25.0M     |              |           |
| RL9753       | 2.50M     | RL9712       | 12.0M     | RL9727       | 27.0M     |              |           |

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|   |  |                   |
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