

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 |

| | | |
|---|--|-------------------|
|  | ACT <u>Multimode</u> Fiber Optic duplex patch cable 50/125 OM4 | |
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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 | | |

Revision: 1.0 | Date: 2025-02-15 | Author: Your Name

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