



Product: [TL43BLDBLCBxxxM](#)

TL320 OM4 LC\_DX LC\_SX xxxM 09-16P/BOT 900x1.0xIL OFNP EV

### Product Description

TL HARNESS, TLX320 (BOTTOM), OM4, 09-16 PORTS (17-32 FIBERS), LC DUPLEX (1.6MM x STAGGERED) - LC SIMPLEX (900UM x 1.0M x IN-LINE), OFNP, xxx M, ERIKA VIOLET JACKET

### Technical Specifications

#### Product Overview

|                        |  |
|------------------------|--|
| Suitable Applications: | Data Center, LAN, Equipment Room, Telecommunication room, Workstation Area |
|------------------------|--|

#### Fiber Specifications

|                      |           |
|----------------------|-----------|
| Fiber Type:          | OM4       |
| Fiber Core Diameter: | 50/125 µm |
| Fiber Count:         | 16        |
| Fiber Color Coding:  | TIA-598-D |

#### Physical Specifications

##### Connectors

| Description               | Type       | Housing Material | Housing Color | Ferrule          | Boot Material | Boot Color   |
|---------------------------|------------|------------------|---------------|------------------|---------------|--------------|
| Connector A (Inside End)  | LC Duplex  | Plastic          | Erika Violet  | Zirconia Ceramic | Rubber        | Erika Violet |
| Connector B (Outside End) | LC Simplex | Plastic          | Erika Violet  | Zirconia Ceramic | Rubber        | Erika Violet |

##### Fan-out (Legs)

| Description               | Transition | Length (m) | Diameter | Geometry  |
|---------------------------|------------|------------|----------|-----------|
| Connector A (Inside End)  | LPM        |            | 1.6 mm   | Staggered |
| Connector B (Outside End) | LPM        | 0.5 m      | 900 µm   | In-Line   |

##### Assembly Cable

| Cable Nominal OD | Jacket Color |
|------------------|--------------|
| 4.8 mm           | Erika Violet |

##### Measurement

| Overall Assembly Length |
|-------------------------|
| xxx meters              |

##### Overall Length Tolerances

| Range             | Tolerance       |
|-------------------|-----------------|
| 0 to 2 meters     | +0.2 / -0 meter |
| 2.1 to 4.9 meters | +0.3 / -0 meter |
| 5 to 40 meters    | +0.4 / -0 meter |
| over 40 meters    | +1.0% / -0%     |

#### Armor Specifications

|                          |          |
|--------------------------|----------|
| Armor Type and Material: | No Armor |
|--------------------------|----------|

#### Optical Characteristics

|                          |                 |
|--------------------------|-----------------|
| Polarity Identification: | A-to-A / B-to-B |
|--------------------------|-----------------|

#### Fiber Connector Performance

| Description               | Connector Type | Max. Insertion Loss | Min. Return Loss |
|---------------------------|----------------|---------------------|------------------|
| Connector A (Inside End)  | LC Duplex      | 0.15 dB             | 30 dB            |
| Connector B (Outside End) | LC Simplex     | 0.15 dB             | 30 dB            |

#### Mechanical Characteristics

|                                       |                |
|---------------------------------------|----------------|
| Pulling Eye Type:                     | FX Pulling Eye |
| Pulling Eye Location:                 | Outside End    |
| Pulling Eye Tension:                  | 100 lbs        |
| Min. Bend Radius During Installation: | 15x Cable OD   |
| Min. Bend Radius During Operation:    | 10x Cable OD   |

#### Temperature Range

|                              |              |
|------------------------------|--------------|
| Operating Temperature Range: | -40C to +75C |
| Storage Temperature Range:   | -40C to +75C |

#### Standards and Compliance

|                                  |                                  |
|----------------------------------|----------------------------------|
| Environmental Suitability:       | Indoor                           |
| Flammability / Reaction to Fire: | OFNP                             |
| UL Rating:                       | Plenum                           |
| TIA/EIA Compliance:              | TIA/EIA 568.3                    |
| European Directive Compliance:   | EU Directive 2011/65/EU (RoHS 2) |
| MII Order #39 (China RoHS):      | EUP 50                           |
| Other Standard Compliance(s):    | ACMA                             |

#### Product Notes

|                |   |
|----------------|---|
| Related Parts: | DCX system, FX UHD Patch Panels, ECX Patch Panels, FX Patch cords, FX MPO Trunks, FX Multi-fiber Trunks |
|----------------|---|

#### History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.9 Revision Date: 07-21-2023 |
|----------------------|--|

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