



**Product:** [FD3D006L9](#) 

Indoor/Outdoor LSZH/Riser OM3 Distribution 6 Fibers

## Product Description

FX Indoor/Outdoor OM3 Distribution Tight Buffer 6 Fibers LSZH Non-Unitized Black Jacket

## Technical Specifications

### Product Overview

|                        |                          |
|------------------------|--------------------------|
| Product Category:      | Fiber Distribution Cable |
| Suitable Applications: | Premise Backbone         |

### Fiber Specifications

|                        |                               |
|------------------------|-------------------------------|
| Fiber Type:            | OM3                           |
| Fiber Core Diameter:   | 50/125 $\mu$ m                |
| Fiber Buffer Material: | LSZH - Low Smoke Zero Halogen |
| Fiber Buffer Diameter: | 900 $\mu$ m                   |
| Fiber Count:           | 6                             |
| Fiber Color Coding:    | TIA-598-D                     |

### Cable Construction

|                            |                            |
|----------------------------|----------------------------|
| Cable Core Water Blocking: | Waterblocking Aramid Yarns |
|----------------------------|----------------------------|

### Outer Jacket Specifications

|                       |                                                 |
|-----------------------|-------------------------------------------------|
| Strength Member:      | Waterblocking Aramid Yarns                      |
| Jacket Material:      | LSZH - Low Smoke Zero Halogen (Flame Retardant) |
| Nom. Diameter:        | 0.220 in (5.6 mm)                               |
| Outer Jacket Color:   | Black                                           |
| Outer Jacket Ripcord: | 1                                               |

### Mechanical Characteristics

|                                            |                       |
|--------------------------------------------|-----------------------|
| Minimum Bend Radius During Installation:   | 15x Cable OD          |
| Minimum Bend Radius During Operation:      | 10x Cable OD          |
| Max. Tensile Strength During Installation: | 660 N (150 lbf)       |
| Max. Tensile Strength During Operation:    | 200 N (45 lbf)        |
| Crush Resistance:                          | 220 N/cm              |
| Bulk Cable Weight:                         | 18 lbs/kft (27 kg/km) |

### Temperature Range

|                                 |                |
|---------------------------------|----------------|
| Installation Temperature Range: | -10°C to +60°C |
| Operating Temperature Range:    | -40°C to +70°C |
| Storage Temperature Range:      | -40°C to +70°C |

### Standards and Compliance

|                            |                                                                              |
|----------------------------|------------------------------------------------------------------------------|
| Environmental Suitability: | Indoor/Outdoor, Sunlight Resistance, Burial                                  |
| Sustainability:            | CA Prop 65, Product Lens™, Environmental Product Declaration (EPD) Available |

|                                  |                                                                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Flammability / Reaction to Fire: | OFNR, FT4                                                                                                                               |
| CPR Compliance:                  | CPR Euroclass: Eca                                                                                                                      |
| ICEA Compliance:                 | S-104-696                                                                                                                               |
| European Directive Compliance:   | EU Directive 2015/863/EU (RoHS 2 amendment), REACH, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE), REACH: 2020-01-16 |
| UK Regulation Compliance:        | UKCA Mark                                                                                                                               |

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.164 Revision Date: 09-07-2025 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item #    | Color | UPC          |
|-----------|-------|--------------|
| FD3D006L9 | Black | 612825381020 |

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