Belden

# Product: FISM024L2

Indoor Riser OS2 Mini-Distribution 24F LSZH Yelllow

## Product Description

Indoor Singlemode OS2 Mini-Distribution 24F LSZH Yelllow Jacket Fiber Cable

## Technical Specifications

### Product Overview

| | |
|---|---|
| Suitable Applications: | Data Center, RAN, Horizontal Backbone, Premise Backbone, Patching, Trunking |

### Fiber Specifications

| | |
|---|---|
| Fiber Type: | OS2 |
| Fiber Core Diameter: | 8.2/125 µm |
| Fiber Diameter: | 250 µm |
| Fiber Count: | 24 |
| Fiber Color Coding: | TIA-598-D |

### Cable Construction

| | |
|---|---|
| Number of Active Subunits: | 2 |
| Fibers Per Subunit: | 12 |
| Subunit Diameter: | 0.118 in (3.0 mm) |
| Fiber SubUnit Strength Members: | Aramid yarns |
| Central Strength Member Type: | GRP |

### Outer Jacket Specifications

| | |
|---|---|
| Strength Member: | Aramid Yarns |
| Jacket Material: | LSZH - Low Smoke Zero Halogen (Flame Retardant) |
| Nom. Diameter: | 0.270 in (7.0 mm) |
| Outer Jacket Color: | Yellow |
| Outer Jacket Ripcord: | 2 |

### Mechanical Characteristics

| | |
|---|---|
| Minimum Bend Radius During Installation: | 15x Cable OD |
| Minimum Bend Radius During Operation: | 10x Cable OD |
| Max. Tensile Strength During Installation: | 670 N (150 lbf) |
| Max. Tensile Strength During Operation: | 200 N (45 lbf) |
| Crush Resistance: | 110 N/cm |
| Bulk Cable Weight: | 33 lbs/kft (49 kg/km) |

### Temperature Range

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|---|---|
| Installation Temperature Range: | 0C to +60C |
| Operating Temperature Range: | 0C to +70C |
| Storage Temperature Range: | -40C to +70C |

### Standards and Compliance

| | |
|---|---|
| Environmental Suitability: | Indoor |
| Sustainability: | CA Prop 65 |
| Flammability / Reaction to Fire: | OFNR, FT4 |
| ICEA Compliance: | S-83-596 |
| TIA/EIA Compliance: | ANSI/ICEA S-83-596 |

## History

| | |
|---|---|
| Update and Revision: | Revision Number: 0.83 Revision Date: 09-07-2025 |

## Part Numbers

**Variants**

| Item # | Color | Putup Type |
|---|---|---|
| FISM024L2 | Yellow | Reel |

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