



Product: [FI4B024PB](#)

Indoor Plenum OM4 Indoor Breakout 24F 2mm Erika Violet

Product Description

Multimode OM4 Indoor Breakout 24F 2.0mm OFNP Erika Violet Jacket Fiber Cable

Technical Specifications

Product Overview

|                        |                     |
|------------------------|---------------------|
| Suitable Applications: | Horizontal Backbone |
|------------------------|---------------------|

Fiber Specifications

|                      |                          |
|----------------------|--------------------------|
| Fiber Type:          | OM4                      |
| Fiber Core Diameter: | 50/125µm µm              |
| Fiber Diameter:      | 250 µm                   |
| Buffer Material:     | PVC - Polyvinyl Chloride |
| Buffer Diameter:     | 900 µm µm                |
| Fiber Count:         | 24                       |
| Fiber Color Coding:  | TIA-598-D                |

Cable Construction

|                            |                   |
|----------------------------|-------------------|
| Number of Active Subunits: | 24                |
| Fibers Per Subunit:        | 1                 |
| Subunit Diameter:          | 0.078 in (2.0 mm) |
| Subunit Strength Members:  | Aramid yarns      |
| Central Strength Member:   | Upjacketed GRP    |
| Core Wrap:                 | Nomex Tape        |

Outer Jacket Specifications

|                     |                          |
|---------------------|--------------------------|
| Strength Member:    | Aramid Yarns             |
| Jacket Material:    | PVC - Polyvinyl Chloride |
| Color:              | Erika Violet             |
| Number of Ripcords: | 2                        |

Optical Characteristics

| Wavelength                             | 850 nm      | 1300 nm    |
|----------------------------------------|-------------|------------|
| Max. Attenuation                       | 3.0 dB/km   | 1.0 dB/km  |
| 1 Gigabit Ethernet Performance         | 1100 m      | 550 m      |
| 10 Gigabit Ethernet Performance        | 550 m       | --         |
| Min. Effective Modal Bandwidth (EMB)   | 4700 MHz.km | --         |
| Min. Overfilled Launch (OFL) Bandwidth | 3500 MHz.km | 500 MHz.km |

Mechanical Characteristics

|                                            |                  |
|--------------------------------------------|------------------|
| Min. Bend Radius During Installation:      | 15x Cable OD     |
| Min. Bend Radius During Operation:         | 10x Cable OD     |
| Max. Tensile Strength During Installation: | 2670 N (600 lbf) |

|                                         |                       |
|-----------------------------------------|-----------------------|
| Max. Tensile Strength During Operation: | 800 N (180 lbf)       |
| Crush Resistance:                       | 100 N/cm              |
| Bulk Cable Weight:                      | 40 lbs/kft (60 kg/km) |

Temperature Range

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

Standards and Compliance

|                                  |                    |
|----------------------------------|--------------------|
| Environmental Suitability:       | Indoor             |
| Sustainability:                  | CA Prop 65         |
| Flammability / Reaction to Fire: | OFNP, FT6          |
| ICEA Compliance:                 | S-83-596           |
| TIA/EIA Compliance:              | ANSI/ICEA S-83-596 |

History

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Update and Revision: | Revision Number: 0.70 Revision Date: 04-08-2022 |
|----------------------|-------------------------------------------------|

Part Numbers

Variants

| Item #    | Color        | Putup Type | UPC          |
|-----------|--------------|------------|--------------|
| FI4B024PB | Erika Violet | Reel       | 612825378990 |

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