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1-800-Belden1



**General Description:**

FiberExpress Distribution Cable, 4-Fiber, OM2 OFNR, Tight Buffer, Indoor Rated with Orange Jacket, High flexibility for backbone and horizontal applications.

**Physical Characteristics (Overall)**

|                   |                 |
|-------------------|-----------------|
| Fiber Type:       | 50 Micron (OM2) |
| Number of Fibers: | 4               |

**Outer Jacket**

Outer Jacket Material:

|                              |
|------------------------------|
| <b>Outer Jacket Material</b> |
| PVC - Polyvinyl Chloride     |

**Strength Member**

|                           |             |
|---------------------------|-------------|
| Strength Member Material: | Aramid Yarn |
|---------------------------|-------------|

**Overall Cable**

|                           |           |
|---------------------------|-----------|
| Overall Nominal Diameter: | 0.190 in. |
|---------------------------|-----------|

**Mechanical Characteristics (Overall)**

|   |                 |
|---|-----------------|
| Storage Temperature Range:                  | -40°C To +75°C  |
| Installation Temperature Range:             | -20°C To +70°C  |
| Operating Temperature Range:                | -20°C To +70°C  |
| Bulk Cable Weight:                          | 17 lbs/1000 ft. |
| Min. Bend Radius/Minor Axis:                | 3 in.           |
| Min. Bend Radius for Long Term Application: | 2 in.           |
| Max. Load for Installation:                 | 100 lbs.        |
| Max. Load for Long Term Application:        | 30 lbs.         |

**Applicable Specifications and Agency Compliance (Overall)**

**Applicable Standards & Environmental Programs**

|                                       |            |
|---------------------------------------|------------|
| NEC/(UL) Specification:               | OFNR       |
| CEC/C(UL) Specification:              | OFN        |
| EU Directive 2011/65/EU (ROHS II):    | Yes        |
| EU Directive 2000/53/EC (ELV):        | Yes        |
| EU Directive 2002/95/EC (RoHS):       | Yes        |
| EU RoHS Compliance Date (mm/dd/yyyy): | 08/01/2008 |
| EU Directive 2002/96/EC (WEEE):       | Yes        |
| EU Directive 2003/11/EC (BFR):        | Yes        |
| CA Prop 65 (CJ for Wire & Cable):     | Yes        |
| MII Order #39 (China RoHS):           | Yes        |

**Flame Test**

|                 |              |
|-----------------|--------------|
| UL Flame Test:  | UL1666 Riser |
| CSA Flame Test: | FT4          |

**Suitability**

|                        |     |
|------------------------|-----|
| Suitability - Indoor:  | Yes |
| Suitability - Outdoor: | No  |
| Suitability - Aerial:  | No  |

|                       |    |
|-----------------------|----|
| Suitability - Burial: | No |
| Sunlight Resistance:  | No |

**Plenum/Non-Plenum**

|                |        |
|----------------|--------|
| Plenum (Y/N):  | No     |
| Plenum Number: | B9A044 |

**Optical Characteristics (Overall)**

|   |            |
|---|------------|
| Maximum Attenuation @ 850nm:              | 3.5 dB/km  |
| Maximum Attenuation @ 1300nm:             | 1.5 dB/km  |
| Minimum Bandwidth @ 850nm:                | 500 MHz*km |
| Minimum Bandwidth @ 1300nm:               | 500 MHz*km |
| Maximum Gigabit Ethernet Length @ 850nm:  | 600 meters |
| Maximum Gigabit Ethernet Length @ 1300nm: | 600 meters |

**Fiber Coding MLT EMEA:**

| Fiber/Tube No. | Color  |
|----------------|--------|
| 1              | Blue   |
| 2              | Orange |
| 3              | Green  |
| 4              | Brown  |

**Related Documents:**

[Distribution Cable.pdf](#) - Distribution Cable technical information.

**Put Ups and Colors:**

| Item # | Putup | Ship Weight | Color | Notes | Item Desc             |
|--------|-------|-------------|-------|-------|-----------------------|
| B9A038 | 1 FT  | 0.000       |       |       | REPLACED BY F12D004R9 |

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