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1-800-Belden1



General Description:

FiberExpress Distribution Cable, 24-Fiber, OM3 OFNP, Tight Buffer, Indoor Rated with Aqua Jacket, High flexibility for backbone and horizontal applications.

Physical Characteristics (Overall)

| | |
|---------------------------|-----------------|
| Fiber Type: | 50 Micron (OM3) |
| Number of Fibers: | 24 |
| Core Diameter: | 50 |
| Clad Diameter: | 125 |
| Primary Coating Diameter: | 250 |

Outer Jacket

Outer Jacket Material:

| |
|------------------------------|
| Outer Jacket Material |
| PVC - Polyvinyl Chloride |

| | |
|---------------------|------|
| Outer Jacket Color: | AQUA |
|---------------------|------|

Strength Member

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

Overall Cable

| | |
|---------------------------|-----------|
| Overall Nominal Diameter: | 0.330 in. |
|---------------------------|-----------|

Mechanical Characteristics (Overall)

| | |
|---|-----------------|
| Storage Temperature Range: | -40°C To +75°C |
| Installation Temperature Range: | 0°C To +70°C |
| Operating Temperature Range: | 0°C To +70°C |
| Bulk Cable Weight: | 46 lbs/1000 ft. |
| Min. Bend Radius/Minor Axis: | 5 in. |
| Min. Bend Radius for Long Term Application: | 3.300 in. |
| Max. Load for Installation: | 300 lbs. |
| Max. Load for Long Term Application: | 45 lbs. |

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

| | |
|---------------------------------------|------------|
| NEC/(UL) Specification: | OFNP |
| CEC/C(UL) Specification: | OFNP |
| 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: | UL910 Plenum |
| CSA Flame Test: | FT6 |

Suitability

| | |
|------------------------|-----|
| Suitability - Indoor: | Yes |
| Suitability - Outdoor: | No |
| Suitability - Aerial: | No |
| Suitability - Burial: | No |
| Sunlight Resistance: | No |

Plenum/Non-Plenum

| | |
|--------------------|--------|
| Plenum (Y/N): | Yes |
| Non-Plenum Number: | B9C601 |

Optical Characteristics (Overall)

| | |
|---|-------------|
| Maximum Attenuation @ 850nm: | 3.0 dB/km |
| Maximum Attenuation @ 1300nm: | 1.2 dB/km |
| Minimum Bandwidth @ 850nm: | 1500 MHz*km |
| Minimum Bandwidth @ 1300nm: | 500 MHz*km |
| Maximum Gigabit Ethernet Length @ 850nm: | 1000 meters |
| Maximum Gigabit Ethernet Length @ 1300nm: | 550 meters |

Fiber Coding MLT EMEA:

| Fiber/Tube No. | Color |
|----------------|--------|
| 1 | Blue |
| 2 | Orange |
| 3 | Green |
| 4 | Brown |
| 5 | Slate |
| 6 | White |
| 7 | Red |
| 8 | Black |
| 9 | Yellow |
| 10 | Violet |
| 11 | Rose |
| 12 | Aqua |

Related Documents:

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

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|--------|-------|-------------|-------|-------|-----------------------|
| B9C611 | 1 FT | 0.000 | AQUA | | REPLACED BY F13D024P9 |

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Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.