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please call

1-800-Belden1



General Description:

FiberExpress Distribution Cable, 48-Fiber, OM3-BIF OFNP, Tight Buffer, Indoor Rated with Aqua Jacket, High flexibility for backbone and horizontal applications.

Physical Characteristics (Overall)

Product Family - Plenum:

| Fiber Count | Type | OM1 MM 62.5/125 1 Gb | OM2 MM 50/125 1 Gb | OM3 MM 50/125 10 Gb 300m | OM4 MM 50/125 10 Gb 450m | OS2 SM |
|-------------|------------------|----------------------------|--------------------------|--------------------------------|--------------------------------|---------|
| 2 | Indoor | B9B043 | B9A043 | B9C043 | B9E043 | B9W043 |
| 2 | Indoor / Outdoor | B9B043T | B9A043T | B9C043T | B9E043T | B9W043T |
| 4 | Indoor | B9B044 | B9A044 | B9C044 | B9E044 | B9W044 |
| 4 | Indoor / Outdoor | B9B044T | B9A044T | B9C044T | B9E044T | B9W044T |
| 6 | Indoor | B9B045 | B9A045 | B9C045 | B9E045 | B9W045 |
| 6 | Indoor / Outdoor | B9B045T | B9A045T | B9C045T | B9E045T | B9W045T |
| 8 | Indoor | B9B046 | B9A046 | B9C046 | B9E046 | B9W046 |
| 8 | Indoor / Outdoor | B9B046T | B9A046T | B9C046T | B9E046T | B9W046T |
| 12 | Indoor | B9B048 | B9A048 | B9C048 | B9E048 | B9W048 |
| 12 | Indoor / Outdoor | B9B048T | B9A048T | B9C048T | B9E048T | B9W048T |
| 24* | Indoor | B9B611 | B9A611 | B9C611 | B9E611 | B9W611 |
| 24* | Indoor/Outdoor | B9B611T | B9A611T | B9C611T | B9E611T | B9W611T |
| 24 | Indoor | B9B612 | B9A612 | B9C612 | B9E612 | B9W612 |
| 24 | Indoor/Outdoor | B9B612T | B9A612T | B9C612T | B9E612T | B9W612T |
| 36 | Indoor | B9B614 | B9A614 | B9C614 | B9E614 | B9W614 |
| 36 | Indoor/Outdoor | B9B614T | B9A614T | B9C614T | B9E614T | B9W614T |
| 48 | Indoor | B9B616 | B9A616 | B9C616 | B9E616 | B9W616 |
| 48 | Indoor/Outdoor | B9B616T | B9A616T | B9C616T | B9E616T | B9W616T |
| 72 | Indoor | B9B620 | B9A620 | B9C620 | B9E620 | B9W620 |
| 72 | Indoor/Outdoor | B9B620T | B9A620T | B9C620T | B9E620T | B9W620T |
| 96 | Indoor | B9B623 | B9A623 | B9C623 | B9E623 | B9W623 |
| 96 | Indoor/Outdoor | B9B623T | B9A623T | B9C623T | B9E623T | B9W623T |
| 144 | Indoor | B9B621 | B9A621 | B9C621 | B9E621 | B9W621 |
| 144 | Indoor/Outdoor | B9B621T | B9A621T | B9C621T | B9E621T | B9W621T |

* Single jacket design

Fiber Type: 50 Micron (OM3-BIF)

Number of Fibers: 48

Buffer Tube Material: Thermoplastic

Outer Jacket

Outer Jacket Material:

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

Strength Member

Strength Member Material: Fiberglass Epoxy Rod

Overall Cable

Overall Nominal Diameter: 0.610 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: 134 lbs/1000 ft.

Min. Bend Radius/Minor Axis: 9.100 in.

B9C616 Fiber - Distribution Cables - Plenum

| | |
|---|-----------|
| Min. Bend Radius for Long Term Application: | 6.100 in. |
| Max. Load for Installation: | 300 lbs. |
| Max. Load for Long Term Application: | 150 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 |
| MIL Order #39 (China RoHS): | Yes |

Flame Test

| | |
|-----------------|----------------------|
| UL Flame Test: | UL910 Steiner Tunnel |
| 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: | B9C606 |

Optical Characteristics (Overall)

| | |
|---|---|
| Maximum Attenuation @ 850nm: | 3.25 dB/km |
| Maximum Attenuation @ 1300nm: | 1.0 dB/km |
| Minimum Bandwidth @ 850nm: | OFL 1500 // Laser Optimized 2000 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 |

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|--------|-------|-------------|-------|-------|-----------------------|
| B9C616 | 1 FT | 0.147 LB | AQUA | | REPLACED BY FI3D048PK |

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- Защита от снятия компонента с производства.



Как с нами связаться

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