

B9C202 Fiber - LooseTube Indoor/Outdoor All Dielectric Dry Core-Plenum OFNP



For more Information
please call

1-800-Belden1



General Description:

FiberExpress Single Jacket-All Dielectric Cable, 6-Fiber, OM3 OFNP, Loose Tube, Indoor & Outdoor Rated with UV Resistant Black Jacket, No grounding required, Suited for aerial lashing and underground conduit.

Physical Characteristics (Overall)

| | |
|---------------------------|-----------------|
| Fiber Type: | 50 Micron (OM3) |
| Number of Fibers: | 6 |
| Core Diameter: | 50 |
| Clad Diameter: | 125 |
| Primary Coating Diameter: | 250 |
| Buffer Tube Material: | Thermoplastic |

Outer Jacket

Outer Jacket Material:

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

| | |
|---------------------|-------|
| Outer Jacket Color: | Black |
|---------------------|-------|

Strength Member

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

Overall Cable

| | |
|---------------------------|----------|
| Overall Nominal Diameter: | 6.731 mm |
|---------------------------|----------|

Mechanical Characteristics (Overall)

| | |
|---|----------------|
| Storage Temperature Range: | -40°C To +80°C |
| Installation Temperature Range: | 0°C To +60°C |
| Operating Temperature Range: | -40°C To +70°C |
| Bulk Cable Weight: | 49.111 Kg/Km |
| Min. Bend Radius/Minor Axis: | 134.620 mm |
| Min. Bend Radius for Long Term Application: | 101.600 mm |
| Max. Load for Installation: | 1334.460 N |
| Max. Load for Long Term Application: | 400.338 N |

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): | 08/22/2008 |

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| | |
|-----------------------------------|-----|
| 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 Steiner Tunnel |
| CSA Flame Test: | FT6 |

Suitability

| | |
|------------------------|--|
| Suitability - Indoor: | Yes |
| Suitability - Outdoor: | Yes |
| Suitability - Aerial: | Yes - When supported by messenger wire |
| Suitability - Burial: | No |
| Sunlight Resistance: | Yes |

Plenum/Non-Plenum

| | |
|---------------|-----|
| Plenum (Y/N): | Yes |
|---------------|-----|

Optical Characteristics (Overall)

| | |
|---|-------------|
| Maximum Attenuation @ 850nm: | 3.5 dB/km |
| Maximum Attenuation @ 1300nm: | 1.25 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 |

Related Documents:

[Loose Tube Single Jacket All Dielectric.pdf](#) - Loose Tube Single Jacket All Dielectric technical information.

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|--------|-------|-------------|-------|-------|-----------------------|
| B9C202 | 1 FT | 0.044 LB | BLACK | | REPLACED BY FD3M006P2 |

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Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the

METRIC MEASUREMENT VERSION

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