



Product: [GIBT206](#)

Indoor tight buffered breakout cable LSZH jacket 6f MM OM2. CPR Dca.

Product Description

Indoor tight buffered breakout cable with Low Smoke Zero Halogen outer jacket. 6 fibers MM OM2. CPR Euroclass Dca.

Technical Specifications

Product Overview

| | |
|------------------------|--|
| Construction Type: | Breakout |
| Environmental Space: | Indoor - Euroclass Dca |
| Suitable Applications: | For indoor use in structured (premises) wiring systems: building backbone (riser) and/or horizontal cabling (Fibre To The Desk). Support all computer network applications such as FDDI, Gigabit Ethernet and ATM. Easy to install in ducts and tunnels. |

Construction

Fiber Cable Construction

| Fiber Type | Fiber Count |
|------------|-------------|
| OM2 | 6 |

| | |
|---------------------|------------------------------|
| Fiber Color Coding: | TIA coding (Gxxxxxx.T): Blue |
|---------------------|------------------------------|

Buffer Specification

| Fiber Type | Buffer Construction | Buffer Material | Buffer Diameter |
|------------|---------------------|---|-----------------|
| OM2 | Tight | LSZH - Low Smoke Zero Halogen (Flame Retardant) | 0.9 mm |

| | |
|--------------------------|-------------|
| Central Strength Member: | LSZH Filler |
| Cable Core Water Tight: | No |
| Bulk Cable Weight: | 61 kg/km |

SubUnit Specifications

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|------------------------------|----------------------------|
| Number of Active Subunits: | 6 |
| Number of Subunit Positions: | 6 |
| Fibers Per Subunit: | 1 |
| Subunit Diameter: | 2.1 mm |
| Subunit Waterblocking: | Waterblocking Aramid Yarns |

Jacket Specifications

| | |
|--------------------|---------------|
| Number of Jackets: | Single Jacket |
| Type of Armor: | Non-Armored |

Outer Jacket Specifications

Outer Jacket

| Material | Nominal Diameter | Ripcord |
|---|------------------|---------|
| LSZH - Low Smoke Zero Halogen (Flame Retardant) | 8.0 mm | Yes |

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|--------------|--|
| Table Notes: | Standard color: Orange. Available colors: Orange, Yellow, Turquoise, Erika Violet, Red, Blue, Green, Brown, Violet, Pink, Grey, White, Black, Lime Green |
|--------------|--|

Optical Characteristics

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|------------------------------|-----------|
| Max. Attenuation at 1300 nm: | 0.9 dB/km |
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| | |
|-----------------------------|-----------|
| Max. Attenuation at 850 nm: | 2.9 dB/km |
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Mechanical Characteristics

Mechanical Tests

| Description | Tested Standard | Requirement/Value | According to Family Specification |
|---|--------------------|-------------------|-----------------------------------|
| Cable Min. Bend Radius Installation (Short Term) | IEC 60794-1-21-E6 | 160 mm | IEC 60794-2-20 |
| Cable Min. Bend Radius Operation (Long Term) | IEC 60794-1-21-E11 | 80 mm | IEC 60794-2-20 |
| Cable Max. Tensile Strength Installation (Short Term) | IEC 60794-1-21-E1 | 590 N (133 lbf) | |
| Cable Max. Crush Resistance Installation (Short Term) | IEC 60794-1-21-E3 | 5 kN/m | IEC 60794-2-20 |
| Cable Max. Crush Resistance Operation (Long Term) | IEC 60794-1-21-E3 | 3 kN/m | IEC 60794-2-20 |

Temperature Range

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|---------------------------------|-----------------|
| Operating Temperature Range: | -5 °C to +55 °C |
| Installation Temperature Range: | -5 °C to +50 °C |
| Storage Temperature Range: | -5 °C to +55 °C |

Standards

| | |
|--|----------------|
| UL Rating/Flame Test: | Non-UL Rated |
| IEC Flammability: | IEC 60332-1-2 |
| Reaction to Fire - Bundle Flame Test: | IEC 60332-3-24 |
| IEC 60754-1 - Halogen Amount: | Zero |
| IEC 60754-2 - Halogen Acid Gas Amount - Max. Conductivity: | 10 µS/mm |
| IEC 60754-2 - Halogen Acid Gas Amount - Min. pH: | 4.3 |
| IEC 61034-2 - Smoke Density Min. Transmittance: | 60% |
| CPR Euroclass: | Dca-s1,d2,a1 |
| REACH: | Compliant |
| ISO/IEC Compliance: | IEC 60794 |
| EU Directive 2011/65/EU (RoHS 2): | Compliant |
| UV/ Sunlight Protection: | Yes |

Related Part Numbers

Variants

| Item # | Color | Put-Up Type | Length | EAN |
|----------------|--------|-------------|---------|---------------|
| GIBT206.002100 | Orange | Reel | 2,100 m | 8719605073938 |
| GIBT206.004100 | Orange | Reel | 4,100 m | 8719605163318 |

History

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| Update and Revision: | Revision Number: 0.150 Revision Date: 03-06-2024 |
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