



**Product:** [GIMK208](#)

Indoor bare fiber mini distribution cable LSZH jacket 8f MM OM2. CPR Dca.

## Product Description

Indoor bare fiber mini optical fiber distribution cable with Low Smoke Zero Halogen outer jacket. 8 fibers MM OM2. CPR Euroclass Dca.

## Technical Specifications

### Product Overview

|                        |  |
|------------------------|--|
| Construction Type:     | Mini Distribution  |
| 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        | 8           |

|                           |  |
|---------------------------|--|
| Fiber Color Coding:       | TIA coding (Gxxxxx.T): Blue, Orange, Green, Brown, Gray, White, Red, Black |
| Cable Core Water Tight:   | No   |
| Cable Core Waterblocking: | Waterblocking Aramid Yarns   |
| Bulk Cable Weight:        | 8 kg/km  |

### 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) | 3.0 mm           | No      |

|              |  |
|--------------|--|
| 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

|                              |           |
|------------------------------|-----------|
| Max. Attenuation at 1300 nm: | 1.0 dB/km |
| Max. Attenuation at 850 nm:  | 2.9 dB/km |

### 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  | 45 mm             | IEC 60794-2-20                    |
| Cable Min. Bend Radius Operation (Long Term)          | IEC 60794-1-21-E11 | 30 mm             | IEC 60794-2-20                    |
| Cable Max. Tensile Strength Installation (Short Term) | IEC 60794-1-21-E1  | 140 N (31 lbf)    | IEC 60794-2-20                    |
| Cable Max. Crush Resistance Installation (Short Term) | IEC 60794-1-21-E3  | 3 kN/m            | IEC 60794-2-20                    |
| Cable Max. Crush Resistance Operation (Long Term)     | IEC 60794-1-21-E3  | 1.5 kN/m          | IEC 60794-2-20                    |

## Temperature Range

|                                 |                  |
|---------------------------------|------------------|
| Operating Temperature Range:    | 0 °C to +70 °C   |
| Installation Temperature Range: | -5 °C to +50 °C  |
| Storage Temperature Range:      | -10 °C to +70 °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:            | 80%                        |
| CPR Euroclass:   | Dca-s1a,d1,a1              |
| REACH:   | Compliant                  |
| ISO/IEC Compliance:  | IEC 60794, ISO/IEC 11801-1 |
| EU Directive 2011/65/EU (RoHS 2):                          | Compliant                  |
| UV/ Sunlight Protection:                                   | Yes                        |

## History

|                      |   |
|----------------------|---|
| Update and Revision: | Revision Number: 0.56 Revision Date: 09-17-2024 |
|----------------------|---|

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