

**Product:** [GIMTE04](#) 



Indoor tight buffered distribution cable LSZH jacket 4f MM OM4. CPR Dca.

## Product Description

Indoor tight buffered optical fiber distribution cable with Low Smoke Zero Halogen outer jacket. 4 fibers MM OM4. CPR Euroclass Dca.

## Technical Specifications

### Product Overview

|                        |   |
|------------------------|---|
| Construction Type:     | 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. Not suitable for blown installation. |

### Construction

#### Fiber Cable Construction

| Fiber Type | Fiber Count |
|------------|-------------|
| OM4        | 4           |

|                     |  |
|---------------------|--|
| Fiber Color Coding: | TIA coding (Gxxxxxx.T): Blue, Orange, Green, Brown |
|---------------------|--|

#### Buffer Specification

| Fiber Type | Buffer Construction | Buffer Material                                 | Buffer Diameter |
|------------|---------------------|---|-----------------|
| OM4        | Tight               | LSZH - Low Smoke Zero Halogen (Flame Retardant) | 0.9 mm          |

|                           |                            |
|---------------------------|----------------------------|
| Central Strength Member:  | GRP                        |
| Cable Core Water Tight:   | No                         |
| Cable Core Waterblocking: | Waterblocking Aramid Yarns |
| Bulk Cable Weight:        | 22 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) | 4.8 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: | 0.9 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 | 96 mm             | IEC 60794-2-20                    |

|   |                    |                 |                |
|---|--------------------|-----------------|----------------|
| Cable Min. Bend Radius Operation (Long Term)          | IEC 60794-1-21-E11 | 48 mm           | IEC 60794-2-20 |
| Cable Max. Tensile Strength Installation (Short Term) | IEC 60794-1-21-E1  | 600 N (135 lbf) | IEC 60794-2-20 |
| Cable Max. Tensile Strength Operation (Long Term)     | IEC 60794-1-21-E1  | 200 N (45 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

|                                 |                 |
|---------------------------------|-----------------|
| Operating Temperature Range:    | -5 °C to +40 °C |
| Installation Temperature Range: | -5 °C to +40 °C |
| Storage Temperature Range:      | -5 °C to +40 °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-s1,d1,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           |
|----------------|---------------|-------------|---------|---------------|
| GIMTE04.002100 | Violet, Erika | Reel        | 2,100 m | 8719605124180 |
| GIMTE04.004100 | Violet, Erika | Reel        | 4,100 m | 8719605074508 |

## History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.163 Revision Date: 04-10-2024 |
|----------------------|--|

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