



**Product:** [GIPTDF2](#)

Indoor tight buffered patchcord LSZH jacket 3.0mm DX Zip MM OM3.

## Product Description

Indoor tight buffered patchcord with Low Smoke Zero Halogen outer jacket. 3.0mm duplex zipcord MM OM3.

## Technical Specifications

### Product Overview

|                        |                                                                                                                                                                                                       |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Construction Type:     | Interconnect                                                                                                                                                                                          |
| Environmental Space:   | Indoor (Not Riser or Plenum)                                                                                                                                                                          |
| Suitable Applications: | Flexible terminating leads such as pigtails, patchcords and test leads. Support all computer network applications such as FDDI, Gigabit Ethernet and ATM. Short distance applications for indoor use. |

### Construction

#### Fiber Cable Construction

| Fiber Type | Fiber Count |
|------------|-------------|
| OM3        | 2           |

|                     |                                     |
|---------------------|-------------------------------------|
| Fiber Color Coding: | TIA coding (Gxxxxx.T): Blue, Orange |
|---------------------|-------------------------------------|

#### Buffer Specification

| Fiber Type | Buffer Construction | Buffer Material                                 | Buffer Diameter |
|------------|---------------------|-------------------------------------------------|-----------------|
| OM3        | Tight               | LSZH - Low Smoke Zero Halogen (Flame Retardant) | 0.9 mm          |

|                         |     |
|-------------------------|-----|
| Cable Core Water Tight: | Yes |
|-------------------------|-----|

|                    |            |
|--------------------|------------|
| Bulk Cable Weight: | 18.3 kg/km |
|--------------------|------------|

### Jacket Specifications

|                    |               |
|--------------------|---------------|
| Number of Jackets: | Single Jacket |
|--------------------|---------------|

|                |             |
|----------------|-------------|
| Type of Armor: | Non-Armored |
|----------------|-------------|

### Outer Jacket Specifications

#### Outer Jacket

| Material                                        | Color  | Nominal Diameter | Ripcord |
|-------------------------------------------------|--------|------------------|---------|
| LSZH - Low Smoke Zero Halogen (Flame Retardant) | Orange | 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: | 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 Operation (Long Term)          | IEC 60794-1-21-E11 | 60 mm             | IEC 60794-2-10                    |
| Cable Max. Tensile Strength Installation (Short Term) | IEC 60794-1-21-E1  | 600 N (135 lbf)   | IEC 60794-2-10                    |
| Cable Max. Tensile Strength Operation (Long Term)     | IEC 60794-1-21-E1  | 200 N (45 lbf)    | IEC 60794-2-10                    |

|                                                       |                   |        |                |
|-------------------------------------------------------|-------------------|--------|----------------|
| Cable Max. Crush Resistance Installation (Short Term) | IEC 60794-1-21-E3 | 5 kN/m | IEC 60794-2-10 |
|-------------------------------------------------------|-------------------|--------|----------------|

## Temperature Range

|                                 |                  |
|---------------------------------|------------------|
| Operating Temperature Range:    | -40 °C to +70 °C |
| Installation Temperature Range: | -15 °C to +50 °C |
| Storage Temperature Range:      | -40 °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 60332-1-2 |
| 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%           |
| REACH:                                                     | Compliant     |
| ISO/IEC Compliance:                                        | IEC 60794-1-1 |
| EU Directive 2011/65/EU (RoHS 2):                          | Compliant     |
| UV/ Sunlight Protection:                                   | Yes           |

## History

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Update and Revision: | Revision Number: 0.82 Revision Date: 04-10-2024 |
|----------------------|-------------------------------------------------|

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