



**Product:** [GIPSEB1](#)

Indoor semi-tight buffered patchcord LSZH jacket 1.8mm simplex MM OM4. CPR Eca.

## Product Description

Indoor semi-tight buffered patchcord with Low Smoke Zero Halogen outer jacket. 1.8mm simplex MM OM4. CPR Euroclass Eca.

## Technical Specifications

### Product Overview

|                        |   |
|------------------------|---|
| Construction Type:     | Interconnect  |
| Environmental Space:   | Indoor - Euroclass Eca  |
| 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                  |
|-------------------------|------------------------------|
| OM4                     | 1                            |
| Fiber Color Coding:     | TIA coding (Gxxxxxx.T): Blue |
| Cable Core Water Tight: | Yes                          |
| Bulk Cable Weight:      | 3.2 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) | 1.8 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 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  | 150 N (34 lbf)    | IEC 60794-2-10                    |
| Cable Max. Tensile Strength Operation (Long Term)     | IEC 60794-1-21-E1  | 50 N (11 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  |
| CPR Euroclass:                    | Eca           |
| 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: 0.46 Revision Date: 04-10-2024 |
|----------------------|---|

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