



Product: [GIOT201](#)

Indoor tight buffered pigtail LSZH jacket 1f MM OM2.

Product Description

Indoor tight buffered pigtail with Low Smoke Zero Halogen outer jacket. 1 fiber MM OM2.

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 |
|------------|-------------|
| OM2 | 1 |

Buffer Specification

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

| | |
|--------------------|------------|
| Bulk Cable Weight: | 0.67 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) | 0.9 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 |
|---|-------------------|-------------------|
| Cable Max. Tensile Strength Installation (Short Term) | IEC 60794-1-21-E1 | 3 N (1 lbf) |
| Cable Max. Tensile Strength Operation (Long Term) | IEC 60794-1-21-E1 | 1 N (0 lbf) |
| Cable Max. Crush Resistance Installation (Short Term) | IEC 60794-1-21-E3 | 0.5 kN/m |

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 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 |
| REACH: | Compliant |
| ISO/IEC Compliance: | IEC 60794-1-1 |
| EU Directive 2011/65/EU (RoHS 2): | Compliant |
| UV/ Sunlight Protection: | Yes |

History

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|----------------------|---|
| Update and Revision: | Revision Number: 0.49 Revision Date: 12-14-2023 |
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