



Product: [GUFPF02](#)

Universal drop patchcord Aramid and LSZH jacket 2f SM OS2 G.657.A2.

Product Description

Universal (Indoor/Outdoor) drop patchcord with Aramid Strength Members and Low Smoke Zero Halogen outer jacket. 2 fibers SM OS2 G.657.A2.

Technical Specifications

Product Overview

| | |
|------------------------|--|
| Construction Type: | Interconnect |
| Environmental Space: | Indoor/Outdoor - Euroclass Dca |
| Suitable Applications: | Small, lightweight Flat Drop Cable offers an ideal solution for the smaller fiber counts that are needed in the final sections of an optical network, particularly in a fiber-to-the-premise (FTTx) installation |

Construction

Fiber Cable Construction

| Fiber Type | Fiber Grade acc. ITU-T | Fiber Count |
|------------|------------------------|-------------|
| OS2 | G.657A2 | 2 |

| | |
|-------------------------|-------------------------------------|
| Fiber Color Coding: | TIA coding (Gxxxxx.T): Blue, Orange |
| Cable Core Water Tight: | Yes |
| Bulk Cable Weight: | 14 kg/km |

Jacket Specifications

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|--------------------|---------------|
| 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) | 2.2 mm | No |

Optical Characteristics

| | |
|------------------------------|------------|
| Max. Attenuation at 1310 nm: | 0.40 dB/km |
| Max. Attenuation at 1550 nm: | 0.30 dB/km |
| Max. Attenuation at 1625 nm: | 0.30 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 | 66 mm | IEC 60794-2-10 |
| Cable Min. Bend Radius Operation (Long Term) | IEC 60794-1-21-E11 | 49.5 mm | IEC 60794-2-10 |
| Cable Max. Tensile Strength Installation (Short Term) | IEC 60794-1-21-E1 | 75 N (17 lbf) | IEC 60794-2-10 |
| Cable Max. Tensile Strength Operation (Long Term) | IEC 60794-1-21-E1 | 25 N (6 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 |
| 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% |
| CPR Euroclass: | Dca-s1,d1,a1 |
| REACH: | Compliant |
| ISO/IEC Compliance: | IEC 60794, ISO/IEC 11801-1 |
| EU Directive 2011/65/EU (RoHS 2): | Compliant |

History

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|----------------------|---|
| Update and Revision: | Revision Number: 0.29 Revision Date: 09-17-2024 |
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