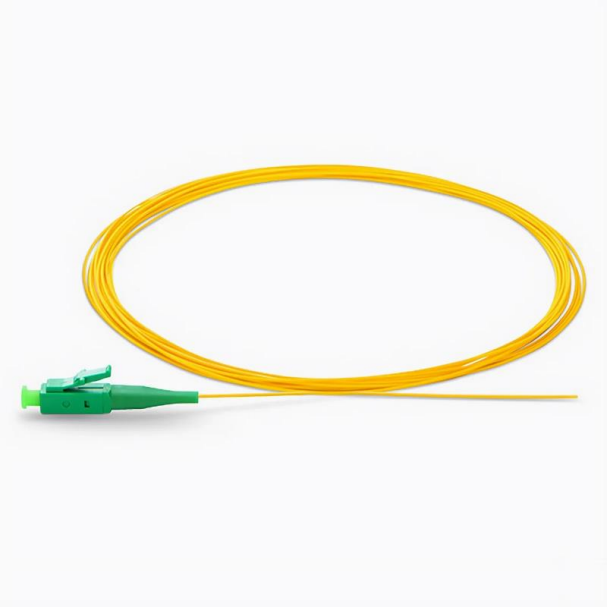
# Fiber Optic Pigtail

Technical data pages by Spectrum

**Professional 0.9 mm 1 Fiber Pigtail, Yellow, Single-mode (OS2), LC APC, 2 m**

**Part Number:** **023621**



Pigtails are used for non-permanent connections in patch panels, transmission equipment etc. Factory assembled pigtails allow for high-quality termination of a network.

## Features and Benefits

- **Global operations**

  Worldwide manufacturing facilities and end-to-end vertical integration across the entire process ensure reliable supply and mitigate trade barriers or supply
- **Flexible design options**

  Choice of materials for strength elements and fiber properties for various application requirements
- **Superior Performance Testing**

  Every termination is tested to ensure the highest in network performance
- **State-of-the-art manufacturing processes**

  Advanced technology results in unsurpassed product consistency and quality

## Application

- **Fiber to the Premises, In-Building Network (IBN), Local Area**
- **Network (LAN), Central Office**

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## Technical Descriptions

| General Specifications | |
|---|---|
| Flame Rating | LSZH |
| Fiber Category | Single-mode (OS2) |
| Cable Assembly Type | Pigtail |
| Environment | Indoor |
| Cable Type | Tight-Buffered |
| Packaging | Box |

| Optical Characteristics (cabled) | |
|---|---|
| Fiber Count | 1 |
| Fiber Category | OS2 |
| Fiber Type | Single-mode (OS2) |
| Outer Jacket Material | LSZH |
| Outer Jacket Color | Yellow |
| Polarity | Straight-Through, TIA-568 Type-A |
| Maximum Attenuation | 0.38 dB/km / 0.38 dB/km / 0.25 dB/km |
| Wavelengths | 1310 nm / 1383 nm / 1550 nm |
| Fiber Compliance | ITU-T G.652.D and ITU-T G.657.A1 |
| Fiber Core Diameter | 9.0 µm |
| Cladding diameter | 125 µm |

| Specifications - Connector | |
|---|---|
| Polish | APC |
| Insertion Loss, Max. | 0.25 dB |
| Tensile Strength Jacketed Cable | 50 N |
| Durability | ≤ 0.2 dB change, 500 remoting's, FOTP-21 |
| Boot Color | Green |
| Connector Type | LC APC |
| Ferrule Material | Ceramic |
| Housing Color | Green |
| Reflectance | ≤ -45 dB |

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## Technical Descriptions

| Temperature Range | |
|---|---|
| Temperature Range, Installation | -5 °C to 50 °C |
| Temperature Range, Operation | -10 °C to 60 °C |

| Mechanical Characteristics Cable | |
|---|---|
| Strip Length | 1500 mm |
| Tensile Strength | 5 N |
| Nominal Outer Diameter | 900 µm |
| Min. Bend Radius Installation | 15 mm |
| Min. Bend Radius Operation | 7.5 mm |

| Chemical Characteristics | |
|---|---|
| RoHS | Free of hazardous substances according to RoHS 2002/95/EG |

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