

Fiber Optic Pigtail

Technical data pages by Spectrum

Professional 0.9 mm 1 Fiber Pigtail, Multi-mode (OM4),
SC UPC, 2 m



Part Number: **023627**



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	50 µm MM (OM4)
Cable Assembly Type	Pigtail
Environment	Indoor
Cable Type	Tight-Buffered
Packaging	Bag

Optical Characteristics (cabled)

Fiber Count	1
Fiber Category	OM4
Fiber Type	Multimode
Outer Jacket Material	LSZH
Outer Jacket Color	Magenta
Polarity	Straight-Through, TIA-568 Type-A
Maximum Attenuation	2.8 dB/km / 1.0 dB/km
Wavelengths	850 nm / 1300 nm
Fiber Compliance	IEC 60793-2-10
Fiber Core Diameter	50 µm
Cladding diameter	125 µm

Specifications - Connector

Polish	UPC
Insertion Loss, Max.	0.5 dB
Tensile Strength Jacketed Cable	50 N
Durability	≤ 0.2 dB change, 500 remoting's, FOTP-21
Boot Color	Beige / Magenta
Connector Type	SC UPC
Ferrule Material	Ceramic
Housing Color	Beige / Magenta
Reflectance	≤ -40 dB

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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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