Fiber Optic Pigtail

Technical data pages by Spectrum

Professional 0.9 mm 1 Fiber Pigtail, White, Single-mode (OS2), SC APC, 2 m

Part Number: **023620**

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	White
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	SC 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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