

OPENETICS

RANGE Fiber Optics

OS2 Single-Mode Pigtails [9/125 μm], G-657A2, 0.9 mm diameter

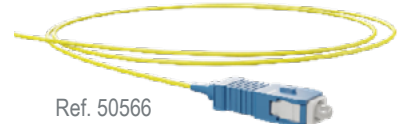
PC and APC Polishing



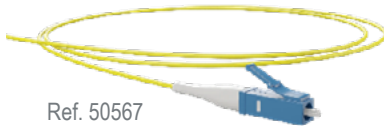
Ref. 50584



Ref. 5164



Ref. 50566



Ref. 50567



Ref. 50568

Description

Single-mode pigtails are single-fiber patch cords with a connector on only one end. These patch cords can be fitted with ST, SC, LC, and FC single-mode connectors. Also known as a pigtail.

Applications

- Single-mode pigtails allow optical fibers to be connected using mechanical or fusion splicing methods.
- They are usually housed in enclosures equipped with feed-throughs or adapters.

Regulations

Mechanical and thermal testing in accordance with:

- EN 187000
- IEC 60794

Fire test in accordance with:

- UNE-EN 50265 (IEC 60332-1)
- UNE-EN 50268 (IEC 61034-1/2)

Benefits and Features

- Monofiber construction.
- Using a fusion splicer allows for quick and high-quality splicing.
- It is also used for mechanical joints.
- Manufactured in accordance with strict quality standards.
- The package includes a certificate.

Technical Specifications

Date:

02-01-1-0-EN-V1.0 15/12/2023

Code No.:

OPENETICS INTERNATIONAL, LLC

324 Rubí Road, Unit D, Can Guitard Industrial Park, (08228) Terrassa, Barcelona.

T: (+34) 93 784 82 12 F: (+34) 93 784 82 10 E: info@openetics.com

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PC and APC Polishing

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Fiber Optics

Physical Specifications	
■ Fiber type:	9/125 μm single-mode
■ Fiber diameter:	900 μm
■ Connector types:	LC, ST, SC, or FC
■ Type of polish:	PC/ APC
■ Standard length:	1 m – 2 m
■ Loss of insertion:	≤0.2 dB
■ Return loss:	<ul style="list-style-type: none"> • PC: ≥ 45 dB • APC: ≥ 65 dB
■ Half-life:	500 cycles
■ Operating temperature:	-40°C to +85°C

Business Information

Ref.	Description	Fiber type	Connector type / polished	Diameter fiber	Length (m)	Packaging
5164	pigtail	single-mode	ST-PC	9/125 μm	2 m	1
50584	pigtail	single-mode	FC-PC	9/125 μm	2 m	1
50566	pigtail	single-mode	SC-PC	9/125 μm	1 m	1
50567	pigtail	single-mode	LC-PC	9/125 μm	1 m	1
50568	pigtail	single-mode	SC-APC	9/125 μm	1 m	1
50568/1.5	pigtail	single-mode	SC-APC	9/125 μm	1.5 m	1

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