

Basic Fiber Optic Pigtail Kit, LSZH, 900 μ m LC PC Simplex, ClearCurve® (OM4), 2 m

CORNING

Part Number:
FK12-000301Q1Z09AA002M

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

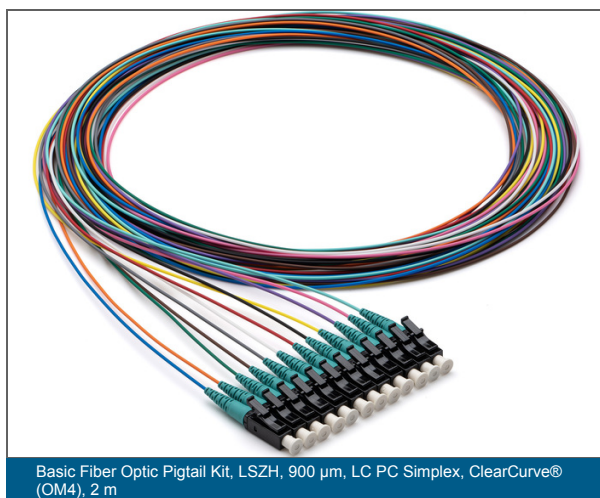
Choice of materials for strength elements and fiber properties for various application requirements

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



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Specifications

General Specifications

Flame Rating	LSZH/FRNC
Fiber Category	50 µm MM (OM4)
Cable Assembly Type	Pigtail
Environment	Indoor
Application	Fiber to the Premises, In-Building Network (IBN), Local Area Network (LAN), Central Office
Cable Type	Tight-Buffered
Packaging	Box

Standards

Fiber Standards	IEC 60793-2-10 A1-OM4
Reaction to Fire	Eca
RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Intermateability	IEC 61754

Environmental Conditions

Temperature Range, Installation	-5 °C to 50 °C (23 °F to 122 °F)
Temperature Range, Operation	-10 °C to 60 °C (14 °F to 140 °F)

Design

Fiber Count	1
Outer Jacket Material	LSZH/FRNC
Outer Jacket Color	Aqua
Polarity	Straight-Through, TIA-568 Type-A
Fiber Type	Multimode
Fibers per Port	1

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Mechanical Specifications

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

Optical Characteristics

Fiber Code	T
Performance Option Code	98
Fiber Category	OM4
Fiber Type	Multimode
Fiber Name	50 µm MM (OM4)
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
Coating diameter	242 µm
Serial 1 Gigabit Ethernet	1000 m / 600 m
Serial 10 Gigabit Ethernet	550 m / -
Minimum Effective Modal Bandwidth (EMB)	4700 MHz*km / -
Min. Overfilled Launch (OFL) Bandwidth	3500 MHz*km / 500 MHz*km

Specifications - Connector A

Tensile Strength Jacketed Cable	50 N
Durability	≤ 0.2 dB change, 1000 rematings, FOTP-21
Connector Type	No connector
Boot Type	Simplex

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Specifications - Connector B

Polish	UPC
Insertion Loss, Max.	0.6 dB
Tensile Strength Jacketed Cable	50 N
Durability	≤ 0.2 dB change, 500 rematings, FOTP-21
Boot Color	Aqua
Connector Type	LC UPC simplex
Ferrule Material	Ceramic
Housing Color	Black
Housing Material	Composite
Boot Type	Individual
Reflectance	≤ -40 dB

Dimensions

Length	2 m
Weight	32 g

Ordering Information

Product Number	FK12-000301Q1Z09AA002M
Packaging Method	Box
Shipping Height	190 mm
Shipping Width	250 mm
Shipping Depth	380 mm
Units per Delivery	1/1

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