

# Fiber Pigtails

## Multimode LSOH Pigtails

Infinique's Fiber Pigtails are pre-polished in the factory and have been designed for high performance. Fitted on one side with Ultra Polished Connectors, the connector housing and shutters fully protect the ferrule against dust, dirt and scratching. Each pigtail passes the stringent 400x visual inspection and are tested for insertion and return loss before being individually packed with the test report.

### Product Features

- Locking type latched Push-Pull
- Factory terminated and 100% tested for insertion loss
- Multimode OM1, OM2, OM3, OM4
- E2000, SC, LC, ST, FC, MTRJ Connectors
- Ultra Polished Connectors
- Bend Insensitive Fiber G,657A/B (Option)
- PBT Housing, UL 94 V-0
- ROHS Compliant



SC PC Multimode OM2 Pigtail



LC PC Multimode OM2 Pigtail



ST PC Multimode OM2 Pigtail



FC PC Multimode OM2 Pigtail



SC APC Multimode OM2 Pigtail



LC APC Multimode OM2 Pigtail



FC APC Multimode OM2 Pigtail

### GENERAL SPECIFICATIONS

Environment	Indoor
Applications	10Gb Applications
Pigtail Type	Multimode OM1, OM2, OM3, OM4

### OPTICAL SPECIFICATIONS

Protection Class (IP) Connector (A)	20
Polishing Connector (A)	PC / APC 8°
Insertion Loss (IL)	0.10 dB Typical, 0.15 dB Max
Return Loss (RL)	55 dB ~ 65 dB
End Face Geometry	IEC 61755-3-1/2 97% Conformance
Ferrule OD (mm)	2.4990±0.0005
Mating Cycles	Delta IL < 0.2 dB after 500 mating cycles
Patch Cord Pull-out Force	80N

### MATERIAL SPECIFICATIONS

Connector Housing	PBT / UL 94 V-0
Strain Relief	UL 94 V-0 and plastic dust cover
Cable Jacket	LSOH
Cable Jacket Characteristics	Metal-free; Zero-halogen
Cable Color	OM1: Grey, OM2: Orange, OM3: Aqua, OM4: Violet
Fiber Type	Multimode OM1, OM2, OM3, OM4
Fiber Diameter	G50/125µm
Cable Overall Diameter	Ø .9 mm
Conductor Type	Semi-tight Buffer
Operating Temperature	-40°C ~ +85°C

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### ORDERING INFORMATION

Part Number	Description	Connector A	Length (Meters)
IFPTM1SC1	Infinique Fiber SC PC Multimode OM1 Pigtail 0.9mm LSOH 1M	SC PC	1
IFPTM1LC1	Infinique Fiber LC PC Multimode OM1 Pigtail 0.9mm LSOH 1M	LC PC	1
IFPTM1ST1	Infinique Fiber ST PC Multimode OM1 Pigtail 0.9mm LSOH 1M	ST PC	1
IFPTM1FC1	Infinique Fiber FC PC Multimode OM1 Pigtail 0.9mm LSOH 1M	FC PC	1
IFPTM1E21	Infinique Fiber E2000 PC Multimode OM1 Pigtail 0.9mm LSOH 1M	E2000 PC	1
IFPTM1RJ1	Infinique Fiber MTRJ PC Multimode OM1 Pigtail 0.9mm LSOH 1M	MTRJ PC	1
IFPTM2SC1	Infinique Fiber SC PC Multimode OM2 Pigtail 0.9mm LSOH 1M	SC PC	1
IFPTM2LC1	Infinique Fiber LC PC Multimode OM2 Pigtail 0.9mm LSOH 1M	LC PC	1
IFPTM2ST1	Infinique Fiber ST PC Multimode OM2 Pigtail 0.9mm LSOH 1M	ST PC	1
IFPTM2FC1	Infinique Fiber FC PC Multimode OM2 Pigtail 0.9mm LSOH 1M	FC PC	1
IFPTM2E21	Infinique Fiber E2000 PC Multimode OM2 Pigtail 0.9mm LSOH 1M	E2000 PC	1
IFPTM2RJ1	Infinique Fiber MTRJ PC Multimode OM2 Pigtail 0.9mm LSOH 1M	MTRJ PC	1
IFPTM3SC1	Infinique Fiber SC PC Multimode OM3 Pigtail 0.9mm LSOH 1M	SC PC	1
IFPTM3LC1	Infinique Fiber LC PC Multimode OM3 Pigtail 0.9mm LSOH 1M	LC PC	1
IFPTM3ST1	Infinique Fiber ST PC Multimode OM3 Pigtail 0.9mm LSOH 1M	ST PC	1
IFPTM3FC1	Infinique Fiber FC PC Multimode OM3 Pigtail 0.9mm LSOH 1M	FC PC	1
IFPTM3E21	Infinique Fiber E2000 PC Multimode OM3 Pigtail 0.9mm LSOH 1M	E2000 PC	1
IFPTM3RJ1	Infinique Fiber MTRJ PC Multimode OM3 Pigtail 0.9mm LSOH 1M	MTRJ PC	1
IFPTM4SC1	Infinique Fiber SC PC Multimode OM4 Pigtail 0.9mm LSOH 1M	SC PC	1
IFPTM4LC1	Infinique Fiber LC PC Multimode OM4 Pigtail 0.9mm LSOH 1M	LC PC	1
IFPTM4ST1	Infinique Fiber ST PC Multimode OM4 Pigtail 0.9mm LSOH 1M	ST PC	1
IFPTM4FC1	Infinique Fiber FC PC Multimode OM4 Pigtail 0.9mm LSOH 1M	FC PC	1
IFPTM4E21	Infinique Fiber E2000 PC Multimode OM4 Pigtail 0.9mm LSOH 1M	E2000 PC	1
IFPTM4RJ1	Infinique Fiber MTRJ PC Multimode OM4 Pigtail 0.9mm LSOH 1M	MTRJ PC	1

Pigtails are packaged in packs of 10 along with the test report. Custom Length available on request.

Infinique's Extended Product Warranty provides a 25-year product and applications assurance of compliance with the industry performance standards appropriate to the class of cabling installed. This is a link performance warranty, covering patch panel to outlet and may be applied for by an Authorized Infinique's Channel Partner who has designed, supplied and installed the system.



Infinique, a Canadian company is a manufacturer of high performance end-to-end solutions in copper, fiber and video surveillance systems. For more information visit our website at [www.infinique.com](http://www.infinique.com) or email us at [sales@infinique.com](mailto:sales@infinique.com).

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Product specification, design and availability subject to change without prior notice.

Infinique Fiber Systems

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