

# Fiber Patch Cords

## Simplex and Duplex Singlemode, Multimode LSOH Patch Cords

Infinique's Fiber Patch Cords are designed for high performances and exceed the industry standards. The connectors, housings and shutters fully protect the ferrule against dust, dirt and scratching. Every patch cord passes the stringent 400x visual inspection and are tested for insertion and return loss before being individually packed with the test report. Patch cords are available with Angled and Ultra Polished Connectors.

### Product Features

- Singlemode, Multimode OM1, OM2, OM3, OM4
- Factory terminated and 100% tested for insertion loss
- Simplex and Duplex Pre-Polished Connectors
- E2000, SC, LC, ST, FC Connectors
- LSOH high quality flame retardant material
- Ultra Polished Connectors
- PBT housing, UL 94 V-0
- ROHS Compliant



E2000 PC Duplex Multimode OM2



SC PC Duplex Multimode OM2



LC PC Duplex Multimode OM2



ST PC Duplex Multimode OM2



FC PC Duplex Multimode OM2



MU PC Duplex Multimode OM2



E2000 PC Duplex Multimode OM3



SC PC Duplex Multimode OM3



ST PC Duplex Multimode OM3

### GENERAL SPECIFICATIONS

Environment	Indoor
Applications	10Gb Applications
Patch Cord Type	Simplex, Duplex Singlemode, Multimode OM2, OM3, OM4

### OPTICAL SPECIFICATIONS

Protection Class (IP) Connector (A)	20
Protection Class (IP) Connector (B)	20
Polishing Connector (A)	PC / APC 8°
Polishing Connector (B)	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

### STANDARDS

Support network transmission speeds up to 10 Gb/s for link lengths up to 300 meters with an 850nm source per IEEE 802.3ae 10 GbE standard  
 Pass all TIA/EIA-568-B.3 performance requirements  
 Insertion loss per connection 0.10dB typical and 0.15dB maximum

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### 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	Singlemode: Yellow, OM1 : Orange, OM2: Orange, OM3: Aqua, OM4: Violet
Fiber Type	Singlemode, Multimode OM1, OM2, OM3, OM4
Fiber Diameter	9/125µm, 50/125µm, 50/125µm LOF
Cable Overall Diameter	Ø 2.7 mm (±0.15)
Conductor Type	Semi-tight Buffer
Operating Temperature	-40°C ~ +85°C

### ORDERING INFORMATION

Part Number	Description	Connector A	Connector B	Simplex / Duplex	Length (Meters)
IFPCSMSTST3	Infinique Fiber Patch Cord ST PC Singlemode Simplex 3M	ST PC	ST PC	Simplex	3
IFPCSMFCFS3	Infinique Fiber Patch Cord FC PC Singlemode Simplex 3M	FC PC	FC PC	Simplex	3
IFPCM2SCSCS3	Infinique Fiber Patch Cord SC PC Multimode OM2 Simplex 3M	SC PC	SC PC	Simplex	3
IFPCM2SCSCD3	Infinique Fiber Patch Cord SC PC Multimode OM2 Duplex 3M	SC PC	SC PC	Duplex	3
IFPCM3SCSCS3	Infinique Fiber Patch Cord SC PC Multimode OM3 Simplex 3M	SC PC	SC PC	Simplex	3
IFPCM3SCSCD3	Infinique Fiber Patch Cord SC PC Multimode OM3 Duplex 3M	SC PC	SC PC	Duplex	3
IFPCM4SCSCS3	Infinique Fiber Patch Cord SC PC Multimode OM4 Simplex 3M	SC PC	SC PC	Simplex	3
IFPCM4SCSCD3	Infinique Fiber Patch Cord SC PC Multimode OM4 Duplex 3M	SC PC	SC PC	Duplex	3
IFPCM2LCLCS3	Infinique Fiber Patch Cord LC PC Multimode OM2 Simplex 3M	LC PC	LC PC	Simplex	3
IFPCM2LCLCD3	Infinique Fiber Patch Cord LC PC Multimode OM2 Duplex 3M	LC PC	LC PC	Duplex	3
IFPCM3LCLCS3	Infinique Fiber Patch Cord LC PC Multimode OM3 Simplex 3M	LC PC	LC PC	Simplex	3
IFPCM3LCLCD3	Infinique Fiber Patch Cord LC PC Multimode OM3 Duplex 3M	LC PC	LC PC	Duplex	3
IFPCM4LCLCS3	Infinique Fiber Patch Cord LC PC Multimode OM4 Simplex 3M	LC PC	LC PC	Simplex	3
IFPCM4LCLCD3	Infinique Fiber Patch Cord LC PC Multimode OM4 Duplex 3M	LC PC	LC PC	Duplex	3
IFPCM2SCLCS3	Infinique Fiber Patch Cord SC PC Multimode OM2 Simplex 3M	SC PC	LC PC	Simplex	3
IFPCM2SCLCD3	Infinique Fiber Patch Cord SC PC Multimode OM2 Duplex 3M	SC PC	LC PC	Duplex	3
IFPCM3SCLCS3	Infinique Fiber Patch Cord SC PC Multimode OM3 Simplex 3M	SC PC	LC PC	Simplex	3
IFPCM3SCLCD3	Infinique Fiber Patch Cord SC PC Multimode OM3 Duplex 3M	SC PC	LC PC	Duplex	3
IFPCM4SCLCS3	Infinique Fiber Patch Cord SC PC Multimode OM4 Simplex 3M	SC PC	LC PC	Simplex	3
IFPCM4SCLCD3	Infinique Fiber Patch Cord SC PC Multimode OM4 Duplex 3M	SC PC	LC PC	Duplex	3
IFPCM2STST3	Infinique Fiber Patch Cord ST PC Multimode OM2 Simplex 3M	ST PC	ST PC	Simplex	3
IFPCM2STSTD3	Infinique Fiber Patch Cord ST PC Multimode OM2 Duplex 3M	ST PC	ST PC	Duplex	3
IFPCM3STST3	Infinique Fiber Patch Cord ST PC Multimode OM3 Simplex 3M	ST PC	ST PC	Simplex	3
IFPCM3STSTD3	Infinique Fiber Patch Cord ST PC Multimode OM3 Duplex 3M	ST PC	ST PC	Duplex	3
IFPCM2FCFCS3	Infinique Fiber Patch Cord FC PC Multimode OM2 Simplex 3M	FC PC	FC PC	Simplex	3
IFPCM2FCFCD3	Infinique Fiber Patch Cord FC PC Multimode OM2 Duplex 3M	FC PC	FC PC	Duplex	3
IFPCM3FCFCS3	Infinique Fiber Patch Cord FC PC Multimode OM3 Simplex 3M	FC PC	FC PC	Simplex	3
IFPCM3FCFCD3	Infinique Fiber Patch Cord FC PC Multimode OM3 Duplex 3M	FC PC	FC PC	Duplex	3
IFPCM4FCFCS3	Infinique Fiber Patch Cord FC PC Multimode OM4 Simplex 3M	FC PC	FC PC	Simplex	3
IFPCM4FCFCD3	Infinique Fiber Patch Cord FC PC Multimode OM4 Duplex 3M	FC PC	FC PC	Duplex	3
IFPCM2E2E2S3	Infinique Fiber Patch Cord E2000 PC Multimode OM2 Simplex 3M	E2000 PC	E2000 PC	Simplex	3
IFPCM2E2E2D3	Infinique Fiber Patch Cord E2000 PC Multimode OM2 Duplex 3M	E2000 PC	E2000 PC	Duplex	3
IFPCM3E2E2S3	Infinique Fiber Patch Cord E2000 PC Multimode OM3 Simplex 3M	E2000 PC	E2000 PC	Simplex	3
IFPCM3E2E2D3	Infinique Fiber Patch Cord E2000 PC Multimode OM3 Duplex 3M	E2000 PC	E2000 PC	Duplex	3
IFPCM4E2E2S3	Infinique Fiber Patch Cord E2000 PC Multimode OM4 Simplex 3M	E2000 PC	E2000 PC	Simplex	3
IFPCM4E2E2D3	Infinique Fiber Patch Cord E2000 PC Multimode OM4 Duplex 3M	E2000 PC	E2000 PC	Duplex	3
IFPCM2RJRJS3	Infinique Fiber Patch Cord MTRJ PC Multimode OM2 Simplex 3M	MTRJ PC	MTRJ PC	Simplex	3
IFPCM2RJRJD3	Infinique Fiber Patch Cord MTRJ PC Multimode OM2 Duplex 3M	MTRJ PC	MTRJ PC	Duplex	3
IFPCM3RJRJS3	Infinique Fiber Patch Cord MTRJ PC Multimode OM3 Simplex 3M	MTRJ PC	MTRJ PC	Simplex	3
IFPCM3RJRJD3	Infinique Fiber Patch Cord MTRJ PC Multimode OM3 Duplex 3M	MTRJ PC	MTRJ PC	Duplex	3
IFPCM4RJRJS3	Infinique Fiber Patch Cord MTRJ PC Multimode OM4 Simplex 3M	MTRJ PC	MTRJ PC	Simplex	3
IFPCM4RJRJD3	Infinique Fiber Patch Cord MTRJ PC Multimode OM4 Duplex 3M	MTRJ PC	MTRJ PC	Duplex	3

Patch cords are packaged individually along with the test report. For OM1 Patch Cords replace M2/M3 with M1. The Part number specified for the patch cords are of length 3 meters for different lengths replace 3 with the length required. Custom Length available on request



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