

# Fiber Adapters

## Singlemode, Multimode, Adapters

Infinique's Fiber Adapters are precision made to ensure the perfect alignment of connectors thus reducing the insertion loss. For multimode adapters, the alignment sleeves are made of phosphor and bronze while for singlemode they are made of zirconia (ceramic).

Adapters can be mounted on Infinique's distribution panels, patch-panels or wall boxes. It complies with IEC 61754-25 and the available types are E2000, SC, LC, ST, FC, MU, MTRJ as both simplex and duplex.

### Product Features

- Locking type latched Push-Pull
- Multimode OM1, OM2, OM3
- E2000, SC, LC, ST, FC, MU, MTRJ Connectors
- Ultra Polish or Angled Polished Connectors
- Bend Insensitive Fiber G,657A/B (Option)
- PBT Housing, UL 94 V-0
- ROHS Compliant



SC Multimode Simplex



LC Multimode Simplex



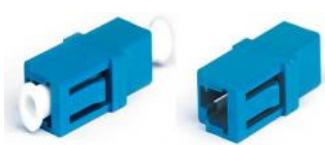
ST Multimode Simplex



FC Multimode Simplex



SC Singlemode Simplex



LC Singlemode Simplex



SC Multimode Duplex



LC Multimode Duplex

### GENERAL SPECIFICATIONS

Environment	Indoor
Applications	10Gb Applications
Adapter Type	Singlemode, Multimode

### OPTICAL SPECIFICATIONS

Connector Class	Adapter
Connector Type	E2000, SC, LC, ST, FC, MU, MTRJ
Polishing Connector	PC / APC 8°
Insertion Loss (IL)	0.10 dB Typical, 0.15 dB Max
Return Loss (RL)	55 dB ~ 65 dB
Mating Cycles	Delta IL < 0.2 dB after 500 mating cycles
Patch Cord Pull-out Force	5N

### MATERIAL SPECIFICATIONS

Adapter Housing	PBT / UL 94 V-0
Sleeve Material	Phosphor Bronze / Zirconia
Head Screws	M2 x 8 Blue Galvanized
Connector Color	Varies
Operating Temperature	-40°C ~ +85°C

# Fiber Adapters

## Singlemode, Multimode Adapters

### ORDERING INFORMATION

Part Number	Description	Connector A	Connector B	Simplex / Duplex
IFASMCS	Infinique SC PC Singlemode Simplex Adapter	SC PC	SC PC	Simplex
IFASMLCS	Infinique LC PC Singlemode Simplex Adapter	LC PC	LC PC	Simplex
IFASMSTS	Infinique ST PC Singlemode Simplex Adapter	ST PC	ST PC	Simplex
IFASMFCS	Infinique FC PC Singlemode Simplex Adapter	FC PC	FC PC	Simplex
IFASME2S	Infinique E200 PC Singlemode Simplex Adapter	E2000 PC	E2000 PC	Simplex
IFASMRJS	Infinique MTRJ PC Singlemode Simplex Adapter	MTRJ PC	MTRJ PC	Simplex
IFASMSCD	Infinique SC PC Singlemode Duplex Adapter	SC PC	SC PC	Duplex
IFASMLCD	Infinique LC PC Singlemode Duplex Adapter	LC PC	LC PC	Duplex
IFASMSTD	Infinique ST PC Singlemode Duplex Adapter	ST PC	ST PC	Duplex
IFASMFCD	Infinique FC PC Singlemode Duplex Adapter	FC PC	FC PC	Duplex
IFASME2D	Infinique E200 PC Singlemode Duplex Adapter	E2000 PC	E2000 PC	Duplex
IFASMRJD	Infinique MTRJ PC Singlemode Duplex Adapter	MTRJ PC	MTRJ PC	Duplex
IFAASMSCS	Infinique SC APC Singlemode Simplex Adapter	SC APC	SC APC	Simplex
IFAASMLCS	Infinique LC APC Singlemode Simplex Adapter	LC APC	LC APC	Simplex
IFAASMSTS	Infinique ST APC Singlemode Simplex Adapter	ST APC	ST APC	Simplex
IFAASMFCS	Infinique FC APC Singlemode Simplex Adapter	FC APC	FC APC	Simplex
IFAASME2S	Infinique E200 APC Singlemode Simplex Adapter	E2000 APC	E2000 APC	Simplex
IFAASMRJS	Infinique MTRJ APC Singlemode Simplex Adapter	MTRJ APC	MTRJ APC	Simplex
IFAASMSCD	Infinique SC APC Singlemode Duplex Adapter	SC APC	SC APC	Duplex
IFAASMLCD	Infinique LC APC Singlemode Duplex Adapter	LC APC	LC APC	Duplex
IFAASMLCD	Infinique LC APC Singlemode Slim Duplex Adapter	LC APC	LC APC	Duplex
IFAASMSTD	Infinique ST APC Singlemode Duplex Adapter	ST APC	ST APC	Duplex
IFAASMFCD	Infinique FC APC Singlemode Duplex Adapter	FC APC	FC APC	Duplex
IFAASME2D	Infinique E200 APC Singlemode Duplex Adapter	E2000 APC	E2000 APC	Duplex
IFAASMRJD	Infinique MTRJ APC Singlemode Duplex Adapter	MTRJ APC	MTRJ APC	Duplex
IFAMMCS	Infinique SC PC Multimode Simplex Adapter	SC PC	SC PC	Simplex
IFAMMLCS	Infinique LC PC Multimode Simplex Adapter	LC PC	LC PC	Simplex
IFAMMSTS	Infinique ST PC Multimode Simplex Adapter	ST PC	ST PC	Simplex
IFAMMFCS	Infinique FC PC Multimode Simplex Adapter	FC PC	FC PC	Simplex
IFAMME2S	Infinique E200 PC Multimode Simplex Adapter	E2000 PC	E2000 PC	Simplex
IFAMMRJS	Infinique MTRJ PC Multimode Simplex Adapter	MTRJ PC	MTRJ PC	Simplex
IFAMMSCD	Infinique SC PC Multimode Duplex Adapter	SC PC	SC PC	Duplex
IFAMMLCD	Infinique LC PC Multimode Duplex Adapter	LC PC	LC PC	Duplex
IFAMMSTD	Infinique ST PC Multimode Duplex Adapter	ST PC	ST PC	Duplex
IFAMMFCD	Infinique FC PC Multimode Duplex Adapter	FC PC	FC PC	Duplex
IFAMME2D	Infinique E200 PC Multimode Duplex Adapter	E2000 PC	E2000 PC	Duplex
IFAMMRJD	Infinique MTRJ PC Multimode Duplex Adapter	MTRJ PC	MTRJ PC	Duplex
IFAAMMSCD	Infinique SC APC Multimode Duplex Adapter	SC APC	SC APC	Duplex
IFAAMMLCD	Infinique LC APC Multimode Duplex Adapter	LC APC	LC APC	Duplex
IFAAMMSTD	Infinique ST APC Multimode Duplex Adapter	ST APC	ST APC	Duplex
IFAAMMFCD	Infinique FC APC Multimode Duplex Adapter	FC APC	FC APC	Duplex
IFAAMME2D	Infinique E200 APC Multimode Duplex Adapter	E2000 APC	E2000 APC	Duplex
IFAAMMRJD	Infinique MTRJ APC Multimode Duplex Adapter	MTRJ APC	MTRJ APC	Duplex

Adapters with head screws are packaged individually along with the test report.

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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