

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



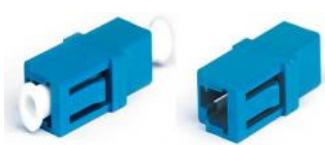
ST Multimode Simplex



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 |

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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 |
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| 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 or email us at sales@infinique.com.

www.infinique.com

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

Infinique Fiber Systems

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