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#### Technical Resources

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## Duplex Fiber Adapter, SC / ST (Metal Body), Bronze Alignment Sleeve

L-com's duplex metal ST to SC hybrid adapters are designed for mounting in standard rectangular cut out style panels. This series features either bronze or ceramic alignment sleeves to meet your specific design requirements. Additionally, these adapters can be used with PC or UPC style fiber connectors. Contact us today for large project volume discounts.



#### Features for this Fiber Optic product

- Used to connect duplex ST to duplex SC fiber cables
- Metal body ensures durability and long life
- Dust caps protect against debris and contamination
- Bronze alignment sleeve supports Multimode applications
- Order online today!

#### Details for this Fiber Optic product

L-com Item #	FOA-006M
Manufacturer	L-com
ASIN # <a href="#">(More)</a>	B000AAJ7M2
UPC # <a href="#">(More)</a>	822335023161
RoHS Status	<a href="#">RoHS Compliant</a> <a href="#">(More)</a>
Alignment Sleeve	Bronze

[Diagram](#)

[Catalog Page](#)

[2D Drawing \(.pdf\)](#)

[3D CAD Model \(.step\)](#)

Item #	Description	Body	Sleeve	Mtg. Code	1-9	10-24	25-99	100-249	250-499
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### Fiber Optic APC Simplex and Duplex Couplers

In order to achieve low back reflection values some fiber assemblies utilize a connector with an Angled Polish Contact (APC). These APC connectors require special couplers that have tight tolerance alignment slots to assure proper orientation of the mated APC connectors. The APC couplers are specifically designed for this application.

#### RoHS Compliant SC to SC Simplex / Duplex APC Fiber Optic Coupler

FOA-017	Simplex APC Coupler	Plastic	Ceramic	B
FOA-018	Duplex APC Coupler	Plastic	Ceramic	D

#### RoHS Compliant FC to FC Simplex APC Fiber Optic Coupler

FOA-019	Fiber Coupler	Metal	Ceramic	A
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### Fiber Optic Simplex / Duplex Adapters

These fiber optic adapters are offered in both simplex and duplex configurations and in some cases with both plastic and metal bodies. Alignment sleeves of both bronze and ceramic are offered in most cases.

#### RoHS Compliant ST to SC Simplex Fiber Optic Adapter

FOA-201	Fiber Adapter	Metal	Bronze	C
FOA-211	Fiber Adapter	Metal	Bronze	B
FOA-211A	Fiber Adapter	Metal	Ceramic	B

#### RoHS Compliant ST to SC Duplex Fiber Optic Adapter

FOA-006	Fiber Adapter	Plastic	Ceramic	D
FOA-006M	Fiber Adapter	Metal	Bronze	D
FOA-006MA	Fiber Adapter	Metal	Ceramic	D

#### RoHS Compliant ST to FC Simplex Fiber Optic Adapter

FOA-301	Fiber Adapter	Metal	Bronze	C
FOA-311	Fiber Adapter	Metal	Bronze	B
FOA-311A	Fiber Adapter	Metal	Ceramic	B

#### RoHS Compliant SC to FC Simplex Fiber Optic Adapter

FOA-302	Fiber Adapter	Metal	Bronze	C
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#### RoHS Compliant LC to SC Simplex Single mode and Multimode Fiber Optic Adapters

FOA-014	Single mode Fiber Adapter	Plastic	Ceramic	B
FOA-020	Multimode Fiber Adapter	Plastic	Bronze	B

#### RoHS Compliant LC to MU Simplex Fiber Optic Adapter

FOA-015	Fiber Adapter	Plastic	Ceramic	G
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#### RoHS Compliant MU to SC Simplex Fiber Optic Adapter

FOA-016	Fiber Adapter	Plastic	Ceramic	B
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### Fiber Optic Coupler / Adapter Selection Matrix

Use this matrix to locate the fiber optic coupler or adapter with the desired interface combination and with the appropriate body and alignment sleeve material.

If a specific type is not listed, please visit our Web site at [www.L-com.com](http://www.L-com.com) for the latest information or call our technical support group at 800-343-1455 for assistance.

		SIMPLEX						DUPLEX				QUAD	
BODY MATERIAL		METAL	METAL	METAL	PLASTIC	PLASTIC	PLASTIC	METAL	METAL	PLASTIC	PLASTIC	PLASTIC	PLASTIC
ALIGNMENT SLEEVE MATERIAL		BRONZE	CERAMIC	NONE	BRONZE	CERAMIC	NONE	BRONZE	CERAMIC	BRONZE	CERAMIC	BRONZE	CERAMIC
COUPLERS	ST to ST	FOA-001 FOA-011	FOA-001A FOA-011A					FOA-401	FOA-401A				
	SC to SC	FOA-002M	FOA-002MA		FOA-002	FOA-002A FOA-017 (APC)		FOA-005M	FOA-005MA	FOA-005	FOA-005A FOA-018 (APC)		
	FC to FC	FOA-003 FOA-013 FOA-033	FOA-003A FOA-013A FOA-033A FOA-019 (APC)										
	SMA906 to SMA906			FOA-004									
	LC to LC					FOA-500A					FOA-550A	FOA-560	FOA-570
	MU to MU					FOA-701					FOA-702		
	MT-RJ to MT-RJ						FOA-600						
	MPO to MPO						FOA-012						
ADAPTERS	ST to SC	FOA-201 FOA-211	FOA-211A					FOA-006M	FOA-006MA		FOA-006		
	ST to FC	FOA-301 FOA-311	FOA-311A										
	SC to FC	FOA-302											
	SC to LC				FOA-020	FOA-014							
	SC to MU					FOA-016							
	LC to MU					FOA-015							

Shop at [L-com.com](http://L-com.com) or call 1-800-343-1455

E-mail: [sales@L-com.com](mailto:sales@L-com.com) Fax: 978-689-9484

**Reseller pricing**

Your organization may be entitled to discounted pricing.

[L-com.com/Reseller](http://L-com.com/Reseller)