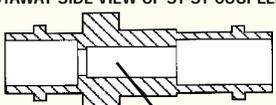


MODEL	CONNECTORS	SPRING	CODE	1-9	10-24	25-99
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### Fiber Optic Adaptors and Couplers - Allow Mating of Two Fiber Connectors

L-com now has an expanded listing of fiber optic adaptors (also called couplers) used for mating two like or dislike connectors. Available with bronze (more durable) or ceramic (more precise) alignment sleeves, except FOA-004 and FOA-600 which do not need sleeves. NOTE: Ceramic ferrules are recommended for mission critical singlemode applications due to their better alignment characteristics.

The alignment sleeve is the most critical component of a fiber optic adaptor. Bronze sleeves are more durable but the precision is not as good as ceramic. Most users use bronze for multimode applications when precise alignment is not as crucial. Ceramic ferrules offer a more precise alignment, but they are somewhat less durable and they are much more expensive.	<b>CUTAWAY SIDE VIEW OF ST-ST COUPLER</b>		CERAMIC Alignment Sleeve  •Better alignment •More expensive	BRONZE Alignment Sleeve  •Better durability •Less expensive
	 Cavity for alignment sleeve			

#### ST-ST Simplex Fiber Optic Coupler - Mates Two ST Connectors

FOA-001	ST-ST	Bronze	A	4.95	4.55	4.16
FOA-001A	ST-ST	Ceramic	A	6.95	6.39	5.84

#### SC-SC Simplex Fiber Optic Coupler - Mates Two SC Connectors

FOA-002	SC-SC	Bronze	B	7.95	7.31	6.68
FOA-002A	SC-SC	Ceramic	B	9.95	9.15	8.36

#### FC-FC Simplex Fiber Optic Coupler - Square Mounting Flange

FOA-003	FC-FC	Bronze	C	9.95	9.15	8.36
FOA-003A	FC-FC	Ceramic	C	11.95	10.99	10.04

#### FC-FC Simplex Fiber Optic Couplers - 3/8"D Mounting Flange

FOA-033	FC-FC	Bronze	A	9.95	9.15	8.36
FOA-033A	FC-FC	Ceramic	A	11.95	10.99	10.04

#### SMA-SMA Simplex Fiber Optic Coupler - Mates Two SMA 906 Connectors

FOA-004	SMA906-SMA906	None	—	12.95	11.91	10.88
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#### LC-LC Simplex Fiber Optic Coupler - Mates Two LC Connectors

This new design from Lucent utilizes a 1.25mm ferrule diameter for conserving space.

FOA-500A	LC-LC	Ceramic	—	14.95	13.75	12.56
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#### LC-LC Duplex Fiber Optic Coupler - Mates Four LC Connectors

FOA-550A	LC-LC Duplex	Ceramic	—	19.95	18.35	16.76
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#### MTRJ-MTRJ Fiber Optic Coupler - Mates Two MTRJ Connectors

FOA-600	MTRJ-MTRJ	None	B	7.95	7.31	6.68
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#### ST-SC Simplex Fiber Optic Hybrid Coupler - Mates ST and SC Connectors

FOA-201	ST-SC	Bronze	C	14.95	13.75	12.56
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#### ST-FC Simplex Fiber Optic Hybrid Coupler - Mates ST and FC Connectors

FOA-301	ST-FC	Bronze	C	14.95	13.75	12.56
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#### SC-FC Simplex Fiber Optic Hybrid Coupler - Mates SC and FC Connectors

FOA-302	SC-FC	Bronze	C	14.95	13.75	12.56
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#### SC-SC Duplex Fiber Optic Coupler - Side by Side SC Coupler

FOA-005	SC Duplex - SC Duplex	Bronze	D	9.95	9.15	8.36
FOA-005A	SC Duplex - SC Duplex	Ceramic	D	14.95	13.75	12.56

#### SC Duplex-ST Duplex - Interseries Fiber Optic Coupler with Ceramic Ferrule

FOA-006	SC Duplex-ST Duplex	Ceramic	D	19.95	18.35	16.76
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**COMMON ADAPTOR MOUNTING DIAGRAMS**

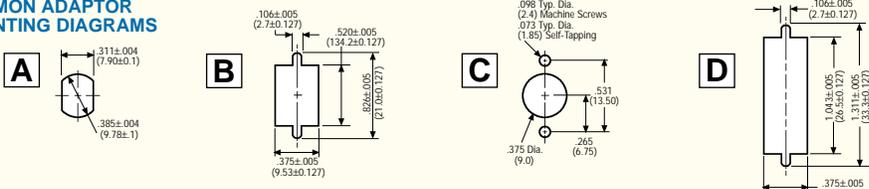


Diagram A: Dimensions include 311±.004 (7.90±0.1), 385±.004 (9.78±.1), 106±.005 (2.7±0.127), 520±.005 (13.2±0.127), 82±.005 (2.1±0.0127), 375±.005 (9.53±0.127).

Diagram B: Dimensions include 106±.005 (2.7±0.127), 520±.005 (13.2±0.127), 82±.005 (2.1±0.0127), 375±.005 (9.53±0.127).

Diagram C: Dimensions include 0.98 Typ. Dia. (2.4) Machine Screws, 0.73 Typ. Dia. (1.85) Self-Tapping, 5.31 (13.50), 375 Dia. (9.0), .265 (6.75).

Diagram D: Dimensions include 106±.005 (2.7±0.127), 104±.005 (2.6±0.127), 375±.005 (9.53±0.127), 265 (6.75), 3.31±.005 (83.3±0.127).

#### ESCON (RSD)-ST Duplex Interseries Fiber Optic Coupler with Ceramic Ferrule

FOA-007	RSD-ST Duplex	Ceramic		23.00	21.16	19.32
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#### ESCON (RSD)-ESCON (RSD) Retractable Shroud Duplex - Fiber Optic Coupler w/Ceramic Ferrule

FOA-008	RSD-RSD	Ceramic		24.00	22.08	20.16
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#### Fiber Optic Bulkhead Adaptor Kit - Great for Tool Kits

The FOA-123 Fiber Optic Bulkhead Adaptor Kit is the perfect companion for anyone who uses multimode or singlemode fiber optic cabling. Great for mating like connector styles or creating interconnection points in bulkheads. The kit comes complete with two ST-ST adaptors, two SC-SC adaptors, one FC-FC adaptor, and a handy four compartment carrying case. Adaptors are constructed with bronze sleeves and are compatible with single or multimode connectors. All bulkhead adaptors fit into industry standard cutouts.

FOA-123	Fiber Optic Bulkhead Adaptor Kit			39.00	36.66	34.32
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#### Micropulse Fiber Optic Light Source Kit - Everything for Tracing Multimode Runs

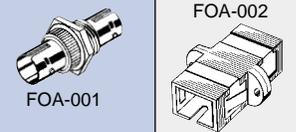
We now offer in kit form our popular Micropulse Fiber Optic Light Source with common adaptors used in tracing fiber optic runs. Included in the kit is the DXL10 Micropulse light source (full description on page 146), 2 ST-ST simplex couplers, 1 FC-FC simplex coupler, 1 SC-SC duplex coupler, 1 SC-ST duplex adaptor and 1 simplex ST-SC multimode patch cord. Also included is a plastic box for organizing the couplers as well as a belt mountable carrying case. A \$160.00+ value if purchased separately.

DXL10K1	MICROPULSE™ Fiber Optic Light Source Kit			129.00	121.26	113.52
DXL10	MICROPULSE™ Fiber Optic Light Source			69.00	63.48	57.96

Order Toll Free: 800-343-1455

24 Hour Fax Service: 978-689-9484

Web: <a href="http://www.L-com.com">www.L-com.com</a>	<b>L-com</b>	E-mail: <a href="mailto:sales@L-com.com">sales@L-com.com</a>
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FOA-001

FOA-002



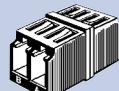
FOA-003

FOA-033



FOA-004

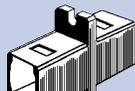
FOA-500A



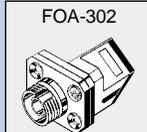
FOA-550A



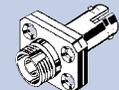
FOA-201



FOA-600



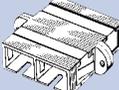
FOA-302



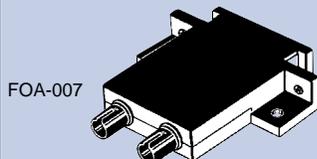
FOA-301



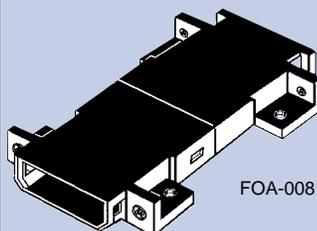
FOA-006



FOA-005



FOA-007



FOA-008



FOA-123



DXL10K1