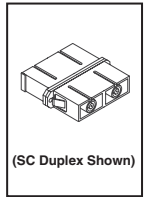


SC and LC Coupling Adapters

Features: • Suitable for any SC and LC Type connector • Choice of housing colors • Metal Alignment Sleeve



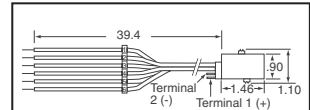
Description	Color	Digi-Key Part No.	Price Each 1 10	AMP Part No.
SC Coupling Adapters				
SC Simplex Adapter	Blue	A33714-ND	4.48 3.98	5502632-8
SC Duplex Adapter	Blue	A31777-ND	6.19 5.50	5502776-8
SC Duplex Adapter	Beige	A32500-ND	6.19 5.50	5502776-9
LC Coupling Adapters				
LC Duplex Adapter	Blue	A97951-ND*	8.53 7.58	6457567-4
LC Duplex Adapter	Beige	A97952-ND*	8.53 7.58	6457567-5
LC Quad Adapter	Blue	A97953-ND*	17.42 15.48	1695790-4
LC Quad Adapter	Beige	A97954-ND*	15.17 13.48	1695790-5

*All parts are flanged but flangeless versions are available



Fiber Optic Multimode Switches

Low Profile Fiber Optic Switches are miniature, board mountable devices that permit the switching of an optical signal from one fiber to another. Switching is accomplished by a slight pivoting motion of a spherical mirror which reflects the optical signal to the appropriate fiber. This patented imaging technology provides very low optical loss. Fiber Optic Switches can be terminated with any fiber optic connector.



Specifications: • **Switching Speed:** 5msc Typical • **Operating wavelength:** 750-1450nm • **Insertion loss at 1300nm:** 0.5dB Typical, 0.8dB Maximum per FOTP-34 • **Crosstalk:** -45dB Typical per FOTP-42 • **Switch Driver:** 5V at 80mA Maximum, 12V option available • **Fiber Type:** Graded Index 62.5/125 • **Lead Length:** 1 meter • **Operating Temperature Range:** -10°C - 65°C per FOTP-3, C2 • **Connector Style:** ST Style • **Durability:** >1 million cycles

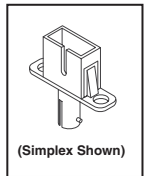
Switch	Fiber Leads Used
1 x 2 SPDT	1, 2, 3
Dual 1 x 2 DPDT	1, 2, 3, 4, 5, 6

Switch Type	Circuit	Electrical Interface	Fiber Connector	Digi-Key Part No.	Price Each 1 10	AMP Part No.
Dual 1 x 2	SPDT	Straight Pin	ST Style	A34593-ND*	394.80	5099427-2
	DPDT	Straight Pin	ST Style	A20164-ND	394.80	99982-2

◆ RoHS Compliant

Hybrid Adapters

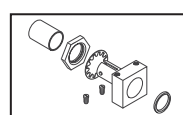
Features: • Use for Multimode or Singlemode • Available with mounting screws • Adapt various connector interfaces • Metal alignment sleeve



Description	Housing Material	Housing Color	Digi-Key Part No.	Price Each 1 10	AMP Part No.
Simplex Style					
SC to ST	Nickel Plated	Die Cast	A34377-ND	10.06 8.94	5503638-1
SC to FC	Plastic	Black	A34376-ND	4.48 3.98	5502781-1
SC to FC	Plastic	Beige	A97955-ND	4.48 3.98	5502781-3
SC to FC	Nickel Plated	Die Cast	A33716-ND	13.66 12.14	5503480-1
Duplex Style					
SC to ST	Plastic	Black	A33717-ND	6.19 5.50	5503137-1
SC to ST	Plastic	Blue	A33718-ND	6.19 5.50	5503137-2



ST Style Active Device Mounts



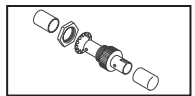
Designed to accept multimode TO-18, TO-46 and TO-52 active devices • Nickel plated, die cast zinc • Mount to PCB or through panel • Includes positioning ring

Description	Digi-Key Part No.	Price Each 1 10	AMP Part No.
Standard Height	A33713-ND	8.57 7.62	5501474-1
Low Profile	A33709-ND	5.04 4.48	5502585-2



ST Style Adapters

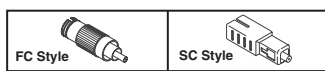
Free-Hanging or Panel Mount Design



Type	Sleeve Material	Digi-Key Part No.	Price Each 1 10	AMP Part No.
Multimode	Composite	A20109-ND	1.89 1.68	501381-1
Single or Multimode	Metal	A20110-ND	2.23 1.98	504021-1
Single or Multimode	Ceramic	A20111-ND	4.21 3.74	502750-1



Singlemode Fiber Optic Attenuators



Singlemode High Performance Attenuators utilize unique all fiber mechanisms to increase the loss of an optical signal. These designs minimize reflectance. High Performance Attenuators use no filters, air-gaps, or core mismatches. **Specifications:** • **Fixed Attenuation Values:** 3 - 20dB • **Reflectance:** ≤-45dB, -50, -55 and -60dB • **Operating Temperature:** -40°C - 75°C • **Vibration Resistance:** ≤0.1 x attenuation

Attenuation (dB)	Digi-Key Part No.	Price Each 1 10	AMP Part No.
FC Dual Window Attenuators			
10	A20175-ND	60.75	1-209948-0
SC Dual Window Attenuators			
3	A20178-ND	60.75	209943-3
3	A34371-ND*	60.75	5209943-3
5	A20179-ND	60.75	209943-5
5	A34372-ND*	60.75	5209943-5
10	A34368-ND*	60.75	1-5209943-0
15	A34369-ND*	60.75	1-5209943-5
20	A20182-ND	60.75	2-209943-0

◆ RoHS Compliant

Tools and Accessories

Microscope Kit: This hand held microscope incorporates high quality glass optics and dual illumination lighting for unsurpassed 200X magnification. **Each Kit Includes:** • 10-power objective microscope with an impact resistant ergonomic rubber shell and high quality glass optics • 20-power eyepiece • Padded carrying case with an integrated belt loop and internal adapter storage pocket • Neck lanyard with safety breakaway feature • Universal 2.5mm ferrule adapter (for SC, ST and FC) • **Visual Fault Locator (VFL):** Used to identify breaks and bending in optical fibers and cabling. Its powerful, red (650nm) laser provides the ability to locate damaged, broken, or tightly bent fibers that cause undesirable attenuation. Comes with a standard 2.5mm adapter for SC, ST and FC connectors. Uses one "AA" style battery for >30 hours of continuous use.

Description	Digi-Key Part No.	Price Each 1 10	AMP Part No.
Microscope Kit and Adapters			
Microscope Inspection Kit for SC, ST and FC	A36357-ND	210.00	1754767-1
Universal 1.25mm Adapter for LC and MU	A98551-ND	51.98	1754765-1
Universal 2.5mm Adapter for SC, ST and FC	A36356-ND	34.65	1754766-1
Adapter for MT-RJ	A36358-ND	34.65	1754768-1
Visual Fault Locator (VFL) and Adapter			
Hand Held Visual Fault Locator	A36364-ND	277.50	1828352-1
1.25mm Adapter for LC and MU Connectors	A36365-ND	105.00	1828353-1
Dry Cloth Cleaners			
Reel Cleaner, One Slot; 1.25mm, 2.5mm, MT No Pins	A36366-ND	157.50	1918803-1
Reel Cleaner, Two Slot; 1.25mm and 2.5mm	A36367-ND	157.50	1918805-1
Stick Cleaner, 2.5mm	A36368-ND	360.00	1918807-1
Stick Cleaner, 1.25mm	A36369-ND	360.00	1918808-1
MTP/MPO IBC Cleaner	A36370-ND	187.50	1918809-1
Fiber Connector Card Cleaner	A36371-ND	52.50	1918810-1
Fiber Connector Card Cleaner Refill (10 per pack)	A36372-ND	405.00	1918811-1

Fiber Optic Cable Assemblies

Features: • Multimode • 62.5/125 Micron Fiber Size • Orange

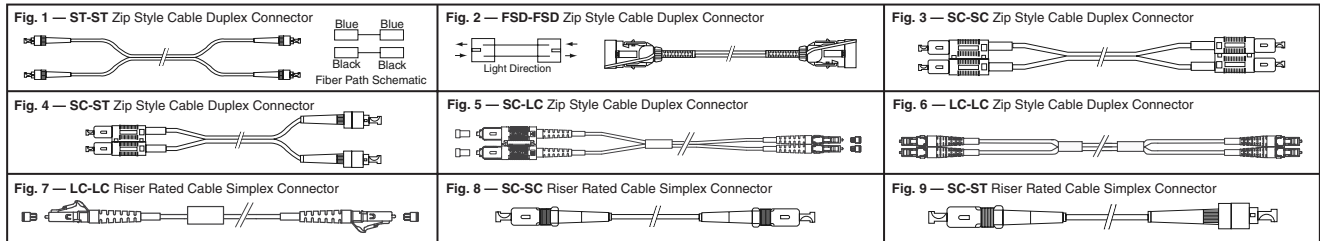


Fig.	Length (Meter)	Digi-Key Part No.	Price Each 1 10	AMP Part No.
1	1	A11BBC-0201E-ND*	25.18 22.38	5503995-1
	2	A11BBC-0202E-ND*	27.41 24.36	5503995-2
	2	A11BBP-0202D-ND†	30.65 27.24	503994-2
	2	A11BBP-0202E-ND†	22.70 20.18	5503994-2
	3	A11BBC-0203E-ND*	29.61 26.32	5503995-3
	3	A11BBP-0203E-ND†	24.44 21.72	5503994-3
	3	A36342-ND*	40.86 36.32	6278207-3
	5	A11BBC-0205E-ND*	34.02 30.24	5503995-4
	5	A11BBP-0205E-ND†	27.38 24.34	5503994-4
	5	A36343-ND*	45.27 40.24	6278207-5
2	10	A11BBC-0210E-ND*	45.05 40.04	5503995-5
	10	A11BBP-0210E-ND†	34.61 30.76	5503994-5
2	1	A11FFP-0201D-ND†	75.94 67.50	504625-1
	2	A11FFP-0202D-ND†	79.99 71.10	504625-2
	3	A11FFP-0203D-ND†	83.99 74.66	504625-3
	5	A11FFP-0205D-ND†	92.00 81.78	504625-4
	10	A11FFP-0210D-ND†	112.05 99.60	504625-5

Fig.	Length (Meter)	Digi-Key Part No.	Price Each 1 10	AMP Part No.
3	1	A11DDC-0201E-ND*	40.07 35.62	5504971-1
	2	A11DDC-0202E-ND*	41.90 37.24	5504971-2
	3	A11DDC-0203E-ND*	43.72 38.86	5504971-3
	3	A36338-ND*	48.53 43.14	6278016-3
	3	A36340-ND*	50.85 45.20	6374039-3
	5	A11DDC-0205E-ND*	47.36 42.10	5504971-4
	5	A36339-ND*	52.54 46.70	6278016-5
	5	A36341-ND*	54.95 48.84	6374039-5
	10	A11DDC-0210D-ND*	56.48 50.20	504971-5
	10	A11DDC-0210E-ND*	56.48 50.20	5504971-5
4	1	A11DBC-0201E-ND*	34.25 30.44	5504958-1
	2	A11DBC-0202E-ND*	35.82 31.84	5504958-2
	5	A11DBC-0205D-ND*	41.18 36.60	504958-4
	5	A11DBC-0205E-ND*	41.18 36.60	5504958-4
	5	A36330-ND*	45.23 40.20	6374613-3
5	A36331-ND*	49.05 43.60	6374613-5	

Fig.	Length (Meter)	Digi-Key Part No.	Price Each 1 10	AMP Part No.
5	3	A36332-ND*	45.23 40.20	6374615-3
	5	A36333-ND*	49.05 43.60	6374615-5
6	3	A36335-ND*	56.54 50.26	6828317-3
	5	A36336-ND*	61.31 54.50	6828317-5
7	3	A36334-ND*	33.95 30.18	6374110-3
	5	A11DDC-0101C-ND*	17.24 15.32	5504970-1
8	2	A11DDC-0102C-ND*	18.43 16.38	5504970-2
	3	A11DDC-0103C-ND*	19.62 17.44	5504970-3
	3	A36337-ND*	32.78 29.14	6828887-3
	5	A11DDC-0105C-ND*	22.01 19.56	5504970-4
	10	A11DDC-0110C-ND*	27.97 24.86	5504970-5
9	10	A11DBC-0210E-ND*	49.59 44.08	5504958-5
	10	A11DBC-0110B-ND*	27.97 24.86	504972-5
		A11DBC-0110C-ND*	32.99 29.32	5504972-5

* Ceramic † Polymer Composite ◆ RoHS Compliant

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