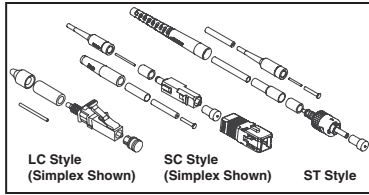


**LightCrimp PLUS Connectors**

**No Epoxy / No Polish (NENP)**

**Features:** • Epoxyless • Pre-Polished • Mates with standard couplers, adapters and adapter plates • Meets TIA/EIA 568-B.3 • Temperature Range: -10°C ~ 60°C (Tested to -40°C ~ 75°C)



Connector Type	Fiber Type	Housing Color	Digi-Key Part No.	Price Each 1	Price Each 10	AMP Part No.
<b>LC Style</b>						
Simplex	Singlemode	Blue	A36314-ND	24.75	22.00	6754482-1
	50/125 µm Multimode	Gray	A36315-ND	19.13	17.00	6754483-3
	62.5/125 µm Multimode	Beige	A36316-ND	19.13	17.00	6754483-1
Duplex	50/125 µm Multimode	Gray	A36317-ND	38.25	34.00	6754485-3
	62.5/125 µm Multimode	Beige	A36318-ND	38.25	34.00	6754485-1
<b>SC Style</b>						
Simplex	Singlemode	Blue	A36319-ND	24.75	22.00	6693276-1
	50/125 µm Multimode	Gray	A36320-ND	15.75	14.00	6588291-1
	62.5/125 µm Multimode	Beige	A36321-ND	15.75	14.00	5492643-1
Duplex	50/125 µm Multimode	Gray	A36322-ND	31.50	28.00	6588292-1
	62.5/125 µm Multimode	Beige	A36323-ND	31.50	28.00	6278009-1
<b>ST Style</b>						
ST	Singlemode	Metallic	A97948-ND <b>NEW!</b>	24.75	22.00	1828953-3
	50/125 µm Multimode	Metallic	A36324-ND	14.63	13.00	6278082-1
	62.5/125 µm Multimode	Metallic	A36373-ND	14.63	13.00	5492642-1

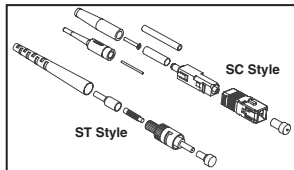
**LightCrimp PLUS Kits, Tools and Accessories**

Description	Digi-Key Part No.	Price Each	AMP Part No.
<b>LightCrimp PLUS Termination Kits</b>			
Universal (LC, SC and ST)	A36344-ND	2703.68	1278118-5
LC	A36346-ND	1687.20	1754845-2
SC	A36345-ND	1779.23	1278022-2
ST	A36347-ND	1761.45	492697-2
Upgrade LC	A36348-ND	94.34	1754847-2
Upgrade SC	A36349-ND	180.05	1754847-3
Upgrade ST	A36350-ND	136.67	1754847-4
<b>Cable/Buffer Holder</b>			
LightCrimp PLUS LC	A36355-ND	9.00	1754138-1
LightCrimp PLUS SC	A36363-ND	9.00	1278023-1
<b>Die Sets and Hand Tools</b>			
LightCrimp Termination Handle	A99135-ND <b>NEW!</b>	89.76	2064431-1
LC Type and AMP SC/FC Type, Use with 2064431-1 Hand Tool	A36353-ND	224.21	1588175-1
LightCrimp PLUS LC, Use with 2064431-1 Hand Tool	A36354-ND	111.80	1754136-1
LightCrimp PLUS SC, Use with 2064431-1 Hand Tool	A36361-ND	197.51	492783-1
Pro-Crimper III Fiber Optic Hand Tool	A36400-ND	77.00	58532-1
LightCrimp PLUS and LightCrimp ST Die Set, Use with 58532-1 Hand Tool	A97957-ND <b>NEW!</b>	154.26	492622-1
Keplar Shears	A36351-ND	34.07	1278637-1
Strip Tool, Fiber Combination	A36352-ND	97.31	1278947-1
Micro-Strip Stripper with .008 Red Blades	A98550-ND <b>NEW!</b>	74.61	492109-2
Hand Held Precision Cleaver	A36360-ND	778.50	1871696-1
Cable Stripper, Optimate	A36362-ND	29.97	501198-1

**LightCrimp XTC Connectors**

**No Epoxy / Polish (NEP)**

**Features:** • Epoxyless • Singlemode or multimode • Just crimp it on the fiber • 2-minute termination • Pre-radiused PC finish • Body Material: Epoxyless aluminum; Epoxy polymer • Coupling Nut Material: Multimode epoxyless polymer; Singlemode epoxyless die cast; Epoxy - die cast zinc • Storage Temperature Range: -40°C ~ 85°C



Fiber Size (µm)	Mode Type	Ferrule Material	Insertion Loss dB, Average	Operating Temp. Range (°C)	Durability Cycles, <20 (dB) Change	Digi-Key Part No.	Price Each 1	Price Each 10	AMP Part No.
<b>ST Style Connectors</b>									
125	Single	Ceramic	0.2	-40 - 65	1000	A20103-ND	30.26	26.90	504000-1
<b>ST Style Connectors — RoHS Compliant</b>									
125	Multi	Plastic	0.4	-40 - 65	500	A32610-ND	7.97	7.08	5492168-1
125	Multi	Stainless Steel	0.4	-10 - 65	500	A32611-ND	10.26	9.12	5504034-1
125	Single	Ceramic	0.2	-40 - 65	500	A97945-ND <b>NEW!</b>	24.89	22.12	5504000-1
125	Multi	Ceramic	0.4	-40 - 65	1000	A33708-ND	12.44	11.06	5504001-1
<b>NEW! SC Style Simplex Connectors — RoHS Compliant NEW!</b>									
125	Multi	Ceramic	0.4	-40 - 65	500	A97946-ND	14.36	12.76	5503692-1
<b>NEW! SC Style Duplex Connectors — RoHS Compliant NEW!</b>									
125	Multi	Ceramic	0.4	-40 - 65	500	A97947-ND	29.90	26.58	5503693-1

**LightCrimp Kits and Accessories**

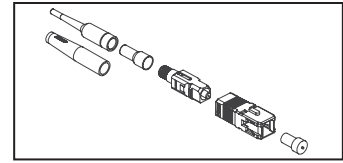
**Polishing (Lapping) Film Packets:** Polishing film sheets are used with polishing bushings for hand polishing of fiber optic connectors. Most part numbers consist of a packet of ten 8.5" x 11.0" (21.59cm x 27.94cm) sheets. Each packet will polish between 60 and 80 connectors.

Description	Digi-Key Part No.	Price Each	AMP Part No.
<b>LightCrimp XTC Termination Tool Kit</b>			
Mini Tool Kit	A9825-ND	619.33	492322-1
<b>Polishing (Lapping) Film Sheets</b>			
5µm, Light Gray, (multiples of 10 sheets)	A20221-ND	16.98	228433-8
1µm, Green, (multiples of 10 sheets)	A20222-ND	16.98	228433-7
0.3µm, White, (multiples of 10 sheets)	A20223-ND	16.98	228433-5

**SC Connectors**

**Epoxy / Polish**

**Features:** • Fastest Assembly • Field installable • Anaerobic epoxy compatible • For 125µm cladding diameter • Insertion Loss: <0.2 dB Typical

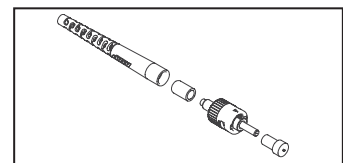


Mode Type	Housing Color	Durability Cycles	Digi-Key Part No.	Price Each 1	Price Each 10	AMP Part No.
Single	Blue	200	A36327-ND	5.40	4.80	5504646-7
Multi	Beige	500	A36326-ND	4.73	4.20	5503948-5

**ST Connectors**

**Epoxy / Polish**

**Features:** • Pre-Polished • Mates with standard couplers, adapters and adapter plates • Temperature Range: -10°C ~ 60°C • Meets TIA/EIA 568-B.3



Fiber Size (µm)	Mode Type	Ferrule Material	Insertion Loss dB, Average	Operating Temp. Range (°C)	Durability Cycles, <20 (dB) Change	Digi-Key Part No.	Price Each 1	Price Each 10	AMP Part No.
125	Multi	Ceramic	0.4	-20 - 75	1000	A33709-ND	5.40	4.80	5501380-1
125	Multi	Stainless Steel	0.3	-20 - 75	500	A33710-ND	8.01	7.12	5504008-3
125	Multi	Ceramic	0.4	-20 - 75	1000	A20105-ND	2.70	2.40	503571-1
125	Multi	Composite	0.3	-20 - 75	5000	A33712-ND	2.23	1.98	5503415-1
125	Single	Zircon/Ceramic	0.3	-20 - 75	5000	A35056-ND	5.18	4.60	5502579-2
126	Single	Ceramic	0.3	-20 - 75	200	A36325-ND	5.18	4.60	5502580-2
140	Multi	Stainless Steel	0.3	-30 - 75	500	A33711-ND	8.01	7.12	5504008-7

**LC Connectors**

**Epoxy / Polish**

**Features:** • Insertion Loss: 658870x-x: 0.5dB Typical; 19183xx-x: 0.2dB Typical • Durability Cycles: 500 • Operating Temperature: -40°C~75°C

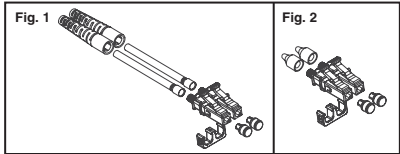
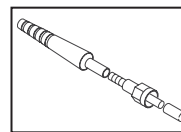


Fig.	Housing Color	Description	Digi-Key Part No.	Price Each 1	Price Each 10	AMP Part No.
1	Beige	Multimode, Duplex, 900 µm	A98552-ND <b>NEW!</b>	8.44	7.50	1918388-1
	Blue	Multimode, Duplex, 1.6-2.0 mm	A36328-ND	11.14	9.90	6588707-1
	Blue	Singlemode, Duplex, 1.6-2.0 mm	A97949-ND <b>NEW!</b>	9.56	8.50	1918372-1
2	Beige	Multimode, Duplex, 900 µm	A36329-ND	10.69	9.50	6588708-1
	Blue	Singlemode, Duplex, 900 µm	A97950-ND <b>NEW!</b>	9.11	8.10	1918387-1

**FSMA Connectors**

**Features:** • Industry compatible with 905 and 906 style connectors • Design parameters conform to NATO and IEC interface standards • Ferrule Material: Stainless steel • Connector Body Material: Nickel-Plated brass **Performance Characteristics:** • Insertion Loss: 1.5dB Typical • Temperature Range: -55°C ~ 105°C • Durability: 200 mating cycles



Description	Fiber Diameter	Fiber Part No.	Price Each 1	Price Each 10	AMP Part No.
FSMA Conn. (905)	125µm	A33720-ND	12.17	10.82	5504566-1
FSMA Conn. (906)	125µm	A36218-ND	13.84	12.30	5504014-1
FSMA Conn. (905)	140µm	A29100-ND	15.01	13.34	504566-2
FSMA Conn. (905)	140µm	A33721-ND	12.17	10.82	5504566-2
FSMA Conn. (905)	1000µm	A33722-ND	12.17	10.82	3-5504566-0

◆ RoHS Compliant

**Kits, Tools and Accessories**

**Termination Kits: For AMP FSMA, and SC Style:** Termination kits provide all the materials and tools (except epoxy) required to terminate a particular type of fiber optic connector. Tools are conveniently packaged in a handy carrying case. The kits contain polishing materials for approximately 60 connectors. The consumable items in the kit can be purchased separately.

**Consumables Kits:** Contains all consumable supplies for at least 100 connectors. Epoxy (general purpose), polish film, epoxy applicators and polish pad. **Features:** • Pre-centered adapter mount provides quick, easy focusing, and changing of connectors • Kg-3 infrared filter to protect the user • Durable, lightweight A.B.S. plastic microscope body • Lockable, high density polyethylene, double-well carrying case with antistatic foam cut-outs

Description	Digi-Key Part No.	Price Each	AMP Part No.
<b>Epoxy Type Termination Kits (Epoxy Sold Separately)</b>			
FSMA	A9835-ND	786.24	503746-2
SC	A9829-ND	845.67	503746-7
LC	A97956-ND <b>NEW!</b>	899.69	1754603-1
<b>Scrubbing Tools</b>			
Sapphire-Tipped Scribe Tool	A99109-ND	51.03	504064-1
Replacement Blades for A99109-ND	A99110-ND	46.32	504290-1
<b>Consumables Kits — RoHS Compliant</b>			
FSMA, FSD, ST Style	A9836-ND	253.63	502306-1
FC Type, D4 Type, AMP SC, Singlemode ST Style	A9837-ND	349.55	502306-2
<b>Epoxy Curing Oven</b>			
110VAC Oven with Adapter Block - Universal Block*	A20220-ND	736.70	502134-1

\* Universal block 12 single and 4 FSD Connectors

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