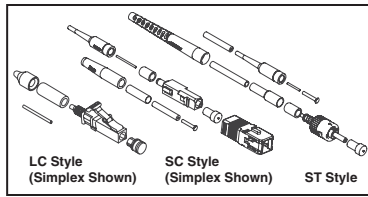


# AMP Fiber Optic Connectors and Accessories

## 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)

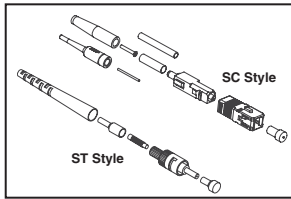
Connector Type	Fiber Type	Housing Color	Digi-Key Part No.	Price Each 1	Price Each 10	AMP Part No.
<b>LC Style</b>						
Simplex	Singlemode	Blue	A36314-ND	17.97	15.98	6754482-1
	62.5/125 µm Multimode	Gray	A36315-ND	—	12.35	6754483-3
	62.5/125 µm Multimode	Beige	A36316-ND	13.89	12.35	6754483-1
Duplex	62.5/125 µm Multimode	Gray	A36317-ND	—	24.69	6754485-3
	62.5/125 µm Multimode	Beige	A36318-ND	27.77	24.69	6754485-1
<b>SC Style</b>						
Simplex	Singlemode	Blue	A36319-ND	17.97	15.98	6693276-1
	62.5/125 µm Multimode	Gray	A36320-ND	11.43	10.17	6588291-1
	62.5/125 µm Multimode	Beige	A36321-ND	11.43	10.17	5492643-1
Duplex	62.5/125 µm Multimode	Gray	A36322-ND	22.87	20.33	6588292-1
	62.5/125 µm Multimode	Beige	A36323-ND	22.87	20.33	6278009-1
<b>ST Style</b>						
ST	Singlemode	Metallic	A97948-ND	17.97	15.98	1828953-3
	50/125 µm Multimode	Metallic	A36324-ND	10.62	9.44	6278082-1
	62.5/125 µm Multimode	Metallic	A36373-ND	10.62	9.44	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)	A99122-ND	1031.71	1278118-4
Universal (LC, SC and ST) Premium	A36344-ND	1962.87	1278118-5
LC	A36346-ND	1224.91	1754845-2
SC	A36345-ND	1291.72	1278022-2
ST	A36347-ND	1278.81	492697-2
Upgrade LC	A36348-ND	68.49	1754847-2
Upgrade SC	A36349-ND	130.72	1754847-3
Upgrade ST	A36350-ND	99.22	1754847-4
<b>Cable/Buffer Holder</b>			
LightCrimp PLUS LC	A36355-ND	6.53	1754138-1
LightCrimp PLUS SC	A36363-ND	6.53	1278023-1
<b>Die Sets and Hand Tools</b>			
LightCrimp Termination Handle	A99135-ND	65.17	2064431-1
LC Type and AMP SC/FC Type, Use with 2064431-1 Hand Tool	A36353-ND	162.78	1588175-1
LightCrimp PLUS LC, Use with 2064431-1 Hand Tool	A36354-ND	81.17	1754136-1
LightCrimp PLUS SC, Use with 2064431-1 Hand Tool	A36361-ND	143.39	492783-1
Pre-Crimper III Fiber Optic Hand Tool	A36400-ND	47.92	58532-1
LightCrimp PLUS and LightCrimp ST Die Set, Use w/ 2064431-1 Hand Tool	A97957-ND	111.99	492622-1
Kevlar Shears	A36351-ND	24.73	1278637-1
Strip Tool, Fiber Combination	A36352-ND	74.98	1278947-1
Micro-Strip Stripper with .008 Red Blades	A98550-ND	54.17	492109-2
Hand Held Precision Cleaver	A36360-ND	565.19	1871696-1
Cable Stripper, Optimate	A36362-ND	21.76	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

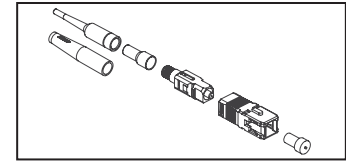
Fiber Size (µm)	Mode Type	Ferrule Material	Insertion Loss dB, Average	Operating Temperature Range (°C)	Durability Cycles, <20 (dB) Change	Digi-Key Part No.	Price Each 1	Price Each 10	AMP Part No.
<b>ST Style Connectors</b>									
125	Multi	Plastic	0.4	-40 ~ 65	500	A32610-ND	5.79	5.14	5492168-1
125	Multi	Stainless Steel	0.4	-10 ~ 65	500	A32611-ND	7.45	6.63	5504034-1
125	Single	Ceramic	0.2	-40 ~ 65	500	A97945-ND	18.07	16.06	5504000-1
125	Multi	Ceramic	0.4	-40 ~ 65	1000	A33708-ND	9.03	8.03	5504001-1
<b>SC Style Simplex Connectors</b>									
125	Multi	Ceramic	0.4	-40 ~ 65	500	A97946-ND	10.43	9.27	5503692-1
<b>SC Style Duplex Connectors</b>									
125	Multi	Ceramic	0.4	-40 ~ 65	500	A97947-ND	21.71	19.30	5503693-1

## LightCrimp XTC 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>Polishing (Lapping) Film Sheets</b>			
5µm, Light Gray, (multiples of 10 sheets)	A20221-ND	12.33	228433-8
1µm, Green, (multiples of 10 sheets)	A20222-ND	12.33	228433-7
0.3µm, White, (multiples of 10 sheets)	A20223-ND	12.33	228433-5

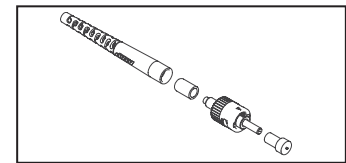
## SC Connectors Epoxy / Polish



**Features:** • Fastest Assembly • Field installable • Anaerobic epoxy compatible • For 125µm cladding diameter • Insertion Loss: <0.2dB 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	3.92	3.49	5504646-7
Multi	Beige	500	A36326-ND	3.43	3.05	5503948-5

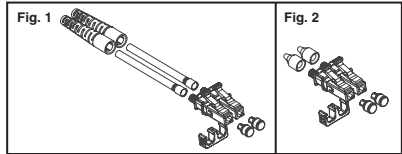
## ST Connectors Epoxy / Polish



**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 Temperature 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	3.92	3.49	5501380-1
125	Multi	Stainless Steel	0.3	-20 ~ 75	500	A33710-ND	5.82	5.17	5504008-3
125	Multi	Ceramic	0.4	-20 ~ 75	1000	A21005-ND	1.96	1.75	550371-1
125	Multi	Composite	0.3	-20 ~ 75	5000	A33712-ND	1.62	1.44	5503415-1
125	Single	Zircon/Ceramic	0.3	-20 ~ 75	5000	A35056-ND	3.76	3.34	5502579-2
126	Single	Ceramic	0.3	-20 ~ 75	200	A36325-ND	3.76	3.34	5502580-2
140	Multi	Stainless Steel	0.3	-30 ~ 75	500	A33711-ND	5.82	5.17	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	6.13	5.45	1918388-1
	Blue	Multimode, Duplex, 1.6-2.0 mm	A36328-ND	—	7.19	6588707-1
	Blue	Singlemode, Duplex, 1.6-2.0 mm	A97949-ND	6.94	6.18	1918372-1
2	Blue	Singlemode, Duplex, 900 µm	A97950-ND	6.61	5.89	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	Digi-Key Part No.	Price Each 1	Price Each 10	AMP Part No.
FSMA Conn. (905)	125µm	A33720-ND	8.84	7.86	5504566-1
FSMA Conn. (906)	125µm	A36218-ND	10.05	8.93	5504014-1
FSMA Conn. (905)	140µm	A29100-ND	10.89	9.68	504566-2
FSMA Conn. (905)	140µm	A33721-ND	8.84	7.86	5504566-2
FSMA Conn. (905)	1000µm	A33722-ND	8.84	7.86	3-5504566-0

◆ RoHS Compliant

## SC, ST, LC and FSMA 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	570.81	503746-2
SC	A9829-ND	613.96	503746-7
LC	A97956-ND	653.17	1754603-1
<b>Scribing Tools</b>			
Sapphire-Tipped Scribe Tool	A99109-ND	37.05	504064-1
Replacement Blades for A99109-ND	A99110-ND	33.63	504290-1
<b>Consumables Kits — RoHS Compliant</b>			
FSMA, FSD, ST Style	A9836-ND	184.14	502306-1
<b>Epoxy Curing Oven</b>			
110VAC Oven with Adapter Block - Universal Block*	A20220-ND	534.84	502134-1

\* Universal block 12 single and 4 FSD Connectors

**Free shipping on orders over £50! All prices are in British pound sterling and include duties.**

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