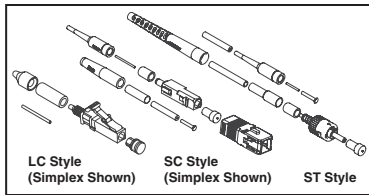


AMP Fiber Optic Connectors and Accessories

LightCrimp PLUS Connectors

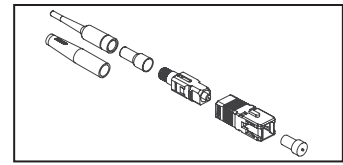
No Epoxy / No Polish (NENP)



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.
LC Style						
Simplex	Singlemode	Blue	A36314-ND	24.75	22.00	6754482-1
	XG 50/125 µm Multimode	Gray	A36315-ND	19.13	17.00	6754483-3
	62.5/125 µm Multimode	Gray	A36316-ND	19.13	17.00	6754483-1
Duplex	XG 50/125µm Multimode	Gray	A36317-ND	38.25	34.00	6754485-3
	62.5/125 µm Multimode	Gray	A36318-ND	38.25	34.00	6754485-1
SC Style						
Simplex	Singlemode	Blue	A36319-ND	24.75	22.00	6693276-1
	XG 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	XG 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
ST Style						
ST	Singlemode	Metallic	A97948-ND	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

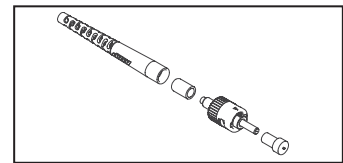
SC Connectors Epoxy / Polish



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	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

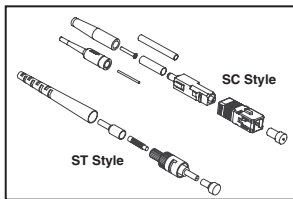
Fiber Size (µm)	Mode Type	Ferrule Material	Insertion Loss dB, Average	Operating Temperature Range (°C)	Durability Cycles, <20 (dB) Change	Digi-Key Part No.	Price Each 1	Price Each 10	AMP Part No.
125	Multi	Ceramic	0.4	-20 ~ 75	1000	A33709-ND	5.40	4.80	5501380-1
125	Multi	Stainless Steel	0.3	-20 ~ 75	500	A33710-ND	8.01	7.12	5504008-3
125	Multi	Ceramic	0.4	-20 ~ 75	1000	A21005-ND	2.70	2.40	5503571-1
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

LightCrimp PLUS Kits, Tools and Accessories

Description	Digi-Key Part No.	Price Each	AMP Part No.
LightCrimp PLUS Termination Kits			
Universal (LC, SC and ST)	A99122-ND NEW!	1421.09	1278118-4
Universal (LC, SC and ST) Premium	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
Cable/Buffer Holder			
LightCrimp PLUS LC	A36355-ND	9.00	1754138-1
LightCrimp PLUS SC	A36363-ND	9.00	1278023-1
Die Sets and Hand Tools			
LightCrimp Termination Handle	A99135-ND	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
Pre-Crimper III Fiber Optic Hand Tool	A36400-ND	77.00	58532-1
LightCrimp PLUS and LightCrimp ST Die Set, Use w/ 2064431-1 Hand Tool	A97957-ND	154.26	492622-1
Kevlar Shears	A36351-ND	34.07	1278637-1
Strip Tool, Fiber Combination	A36352-ND	103.28	1278947-1
Micro-Strip Stripper with .008 Red Blades	A98550-ND	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)

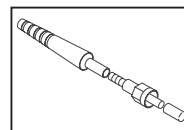


Features:
• Epoxyless • Singlemode or multimode • Just crimp it on the fiber • 2-minute termination • Pre-radiused PC finish
• Body Material: Epoxyless aluminum; Epoxy polymer • Coupling Nut Material: Multimode epoxyless polymer; Singlemode epoxyless die cast; Epoxy - die cast zinc • Storage Temperature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

Fiber Size (µm)	Mode Type	Ferrule Material	Insertion Loss dB, Average	Operating Temperature Range (°C)	Durability Cycles, <20 (dB) Change	Digi-Key Part No.	Price Each 1	Price Each 10	AMP Part No.
ST Style Connectors									
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	24.89	22.12	5504000-1
125	Multi	Ceramic	0.4	-40 ~ 65	1000	A33708-ND	12.44	11.06	5504001-1
SC Style Simplex Connectors									
125	Multi	Ceramic	0.4	-40 ~ 65	500	A97946-ND	14.36	12.76	5503692-1
SC Style Duplex Connectors									
125	Multi	Ceramic	0.4	-40 ~ 65	500	A97947-ND	29.90	26.58	5503693-1

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	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)	100µm	A33722-ND	12.17	10.82	3-5504566-0

◆ RoHS Compliant

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.
Polishing (Lapping) Film Sheets			
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, 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.
Epoxy Type Termination Kits (Epoxy Sold Separately)			
FSMA	A9835-ND	786.24	503746-2
SC	A9829-ND	845.67	503746-7
LC	A97956-ND	899.69	1754603-1
Scribing Tools			
Sapphire-Tipped Scribe Tool	A99109-ND	51.03	504064-1
Replacement Blades for A99109-ND	A99110-ND	46.32	504290-1
Consumables Kits — RoHS Compliant			
FSMA, FSD, ST Style	A9836-ND	253.63	502306-1
Epoxy Curing Oven			
110VAC Oven with Adapter Block - Universal Block*	A20220-ND	736.70	502134-1

* Universal block 12 single and 4 FSD Connectors

More Product Available Online: www.digkey.com

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