

**I plan to terminate LEMO fiber optic connectors at my site. What are the tools I would need to complete the task?**

The type of connector chosen (single or multi-fiber, hybrid, sealed or not sealed), determines the tools required to terminate LEMO fiber optic connectors. The list below covers a general list of tools and equipment/supplies required for commonly specified connectors.

For your convenience, LEMO has gathered the most common tools and accessories for 125 mm fiber connector assembly into a single kit, complete with a carrying case (**LEMO Workstation DRV.91.CF2.PN** )

You may also **contact** LEMO to review your specific requirements.

Reference Number	Description	Source	Comment
<i>General Tools</i>			
DRV.91.CF1.PN	WORKSTATION FOR F1 CONTACT	LEMO	RECOMMENDED
DRV.91.CF2.PN	WORKSTATION FOR F2 CONTACT	LEMO	RECOMMENDED
DPE.99.524.337K	CRIMP TOOL	LEMO	RECOMMENDED
WST.CI.100.1A	CONNECTOR INSPECTOR	ANY	MUST
WST.FB.G00.200	MICROSCOPE W/ADAPTER	ANY	RECOMMENDED
DCC.91.312.5LA	CONTACT EXTRACTOR	LEMO	MUST
DCS.F2.035.PN	F2 ALIGNMENT DEVICE TOOL	LEMO	RECOMMENDED
	ASSORTED OPEN END WRENCHES	ANY	RECOMMENDED
WST.K1.125.34	Q-TIPS ISOPROPYL ALCOHOL	ANY	RECOMMENDED
WST.SE.305.8PH	SYRINGE FOR EPOXY	ANY	MUST
WST.RE.353.EPO	EPOXY EPOTEK 353 ND	ANY	MUST
	5-20 MINUTE TWO PART EPOXY	ANY	RECOMMENDED
	ASSORTED POLISHING FILMS	ANY	MUST
	MECHANIZED POLISHING MACHINE	ANY	RECOMMENDED
WST.TU.191.LN	FIBER SHIELDS	LEMO	RECOMMENDED
	MASKING TAPE	ANY	RECOMMENDED
	INTERFEROMETER	ANY	RECOMMENDED
	OPTICAL TEST EQUIPMENT/CABLES	ANY	MUST
SPECIFIC TO 00 SERIES	Above plus:		
DCS.91.F24.LC	POLISHING PUCK	LEMO	INCL ABOVE
DCC.F4.125.7LA	F4 ALIGNMENT DEVICE TOOL	LEMO	MUST
SPECIFIC TO 3K.93C SERIES	Above plus:		
DCS.91.F12.3LA	EPOXY CURING JIG 2 FIBER	LEMO	RECOMMENDED
DCS.91.F24.LC	POLISHING PUCK	LEMO	INCL ABOVE
DPC.91.701.V	CRIMP TOOL	ANY	MUST
DPC.91.101.A	CRIMP TOOL	ANY	MUST
DCE.91.093.BVC	POSITIONER MALE 0.9	LEMO	MUST
DCE.91.093.BVM	POSITIONER FEMALE 0.9	LEMO	MUST
DCE.91.133.BVCW	POSITIONER M/F 1.3	LEMO	MUST
DCP.91.023.TN	WRENCH	LEMO	RECOMMENDED

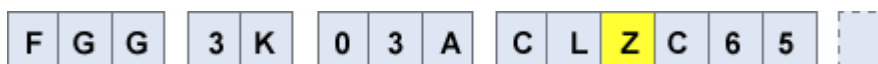
DPF.91.023.TA	PLIERS	LEMO	RECOMMENDED
	SOLDERING IRON	ANY	MUST
	HEAT GUN	ANY	MUST
	CONTINUITY TESTER	ANY	MUST
	ASSORTED ALLEN WRENCH KEYS	ANY	MUST
	WIRE STRIPPERS	ANY	RECOMMENDED
	WIRE CUTTERS	ANY	MUST
	SINGLE EDGE BLADES	ANY	RECOMMENDED
	NEEDLE NOSE PLIERS	ANY	RECOMMENDED
	BRAID TEASING TOOL	ANY	RECOMMENDED
	BRAID SCISSORS	ANY	RECOMMENDED
DCC.91.090.5LA	CONTACT EXTRACTOR 0.9	LEMO	RECOMMENDED
DCC.91.131.5LA	CONTACT EXTRACTOR 1.3	LEMO	RECOMMENDED
SPECIFIC TO FUW/PUW	Above plus:		
DPD.99.010.5K	CRIMP TOOL	ANY	MUST

#### What is the significance of the "W" keyway code in the 3K.93C HDTV fiber optic connector part numbers?

In order to ensure safety to the system and users, the "W" five-key system is assigned exclusively to the HDTV broadcast camera connectors (see ANSI/SMPTE 304M-1998/311M-1998, ARIB BTA S-1005B or EBU R100-1999). In other cases select a different key code (for example, "G" or "A" or "J").

#### What does the letter Z signify as a contact code in LEMO fiber optic connectors?

A "Z" usually designates no electric contacts. If the connector configuration calls for only fiber optic contacts, the letter "Z" must be entered in the contact code location to ensure proper encoding of the part number.



Example: the FGG.3K.03A.CLZC65 is a straight plug with a cable collet and two holes for fiber optic contacts.

**Note that you must order the two fiber optic contacts separately.**

#### In LEMO fiber optic connectors, what is a "T-adapter"?

The "T-adapter" is a component supplied with the LEMO K series fiber optic connectors that facilitates the secure attachment of the cable jacket to the rear of the connector, and permits an epoxy type moisture seal, preventing moisture ingress in to the cable from that junction. For further details see "Cable Fixing" in the Technical Library.