FREE 24-hour Tech Support: 724-746-5500
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Crimp Lock Multimode Fiber Optic Connectors

No special heating tools, no ovens, no toxic glue—just quick and easy fiber connections.

FEATURES

- Simple connectors install in about two minutes.
- Meet TIA/EIA-568 performance specifications.
- No adhesive, setup, or electricity required.
- Pre-radiused PC zirconia ceramic ferrule ensures fiber contact and performance stability through temperature changes.

OVERVIEW

The ease of installation and quality performance of these Crimp Lock Fiber Optic Connectors make them ideal

for emergency restoration work or quick fiber-to-the-desktop connections.

Their non-adhesive design makes the connectors quick and easy to install. The lack of epoxy ensures clean, non-toxic assembly. It also eliminates the need for special heating tools or ovens for curing—which means no setup, no need for electrical outlets, and no waiting for the assembled connector to cure.

In installing the connector (which takes only about two minutes), the fiber passes through the back end of the connector body, through the malleable metal element, and beyond the end of the activation cap. Simply press the activation-cap locking arm to close the conformable metal element, which grips the fiber to eliminate the fiber movement that occurs in other crimp-style connectors.

When the crimp ring is crimped, the plastic buffer retention insert grips the buffer without crushing it to help the metal element prevent fiber movement. On jacketed cable, the crimp ring also grips the Kevlar® strands and cable jacket to prevent the fiber connection from breaking when cable is pulled.

The performance of the Crimp Lock Fiber Optic Connectors meets or exceeds all current TIA/EIA-568 specifications. There is no fiber splice or second joint inside the connector to add attenuation at the connection. Also, the strength of the metal element helps the connectors meet temperature and humidity standards.

TECH SPECS

Attenuation (@1300 nm) — FO120: Mean: 0.13 dB; Maximum: 0.29 dB; **FO121: Mean: 0.14 dB; Maximum** — 0.34 dB
Construction Materials — Boot: Elastomeric resin;
Connector Body and Housing: Thermoplastic polymer;
Connector Ferrule: Zirconia ceramic;
Couplings: FO120: Housing: Engineering thermoplastic; Sleeve: Ceramic;
FO121: Housing: Nickel-plated zinc; Sleeve: Beryllium copper
Fiber Size — 125 µm multimode
Operating Temperature — 14° to 140°F (–10° to +60°C)
Return Loss — Mean: 29 dB;
Maximum: 27 dB

Item	Code
Crimp Lock Multimode Fiber Optic Connectors	
SC	**FO120**
ST	**FO121**

Why Buy From Black Box? Exceptional Value. Exceptional Tech Support. Period.

Recognize any of these situations?

- You wait more than 30 minutes to get through to a vendor's tech support.
- The so-called "tech" can't help you or gives you the wrong answer.
- You don't have a purchase order number and the tech refuses to help you.
- It's 9 p.m. and you need help, but your vendor's tech support line is closed.

According to a survey by *Data Communications* magazine, 90% of network managers surveyed say that getting the technical support they need is extremely important when choosing a vendor. But even though network managers pay anywhere from 10 to 20% of their overall purchase price for a basic service and support contract, the technical support and service they receive falls far short of their expectations—and certainly isn't worth what they paid.

At Black Box, we guarantee the best value and the best support. You can even consult our Technical Support Experts before you buy if you need help selecting just the right component for your application.

Don't waste time and money—call Black Box today.