Fiber Express Connectors

Optimax® Field Installable Connectors and Installation Tool Kits



AX100029 with AX101794 Optimax SC Connector



A0408835 with AX101793 Optimax ST Compatible Connector



AX100947 Optimax Tool Kit



Optimax Field Installable Connector

The Optimax Connectors are reliable field installable optical fiber connectors that are easy to install. They do not require epoxy, curing or polishing. Their unique design incorporates a factory polished fiber stub in a splice mechanism which provides a fast, secure, and reliable termination on optical fiber cables. All critical steps are performed in the factory, ensuring a superior-quality connection every time. Only simple tools are required for installation, making Optimax a cost effective field termination.

Optimax Connectors are high-quality LC, SC and ST Compatible connectors that use a ceramic ferrule with a physical contact (PC) polish for Multimode and super physical contact (SPC) polish for Single-mode that ensures the best possible mating of optical fibers. Connectors are available for 62.5 or 50/125 μm Multimode fiber and Single-mode fiber installations.

Optimax Installation Tool Kit

The Optimax Installation Tool Kit is packaged in a small convenient carrying case and includes an Optimax LC, SC and ST Compatible installation and training video, installation instructions and all the tools required to terminate 900 µm buffered optical fiber and jacketed optical fiber.

The Optimax Installation Tool Kit has all the tools and supplies required to install both the Optimax LC, SC or ST Compatible Multimode and Single-mode connectors. Certain tool kit items can be purchased separately to accommodate installers already possessing basic optical fiber installation tools.

Priber Express Connectors Optimax Field Installable Connector LG 62.5 µm, Multimode* AX101981 LG 50 µm, Multimode* AX101983 SC 62.5 µm, Multimode* AX100029 SC 50 µm, Multimode* AX100029 SC 50 µm, Multimode* AX101077 SC Single-mode* AX101792 ST Compatible 62.5 µm, Multimode* AX101792 ST Compatible 50 µm, Multimode* AX101795 ST Compatible 50 µm, Multimode* AX101791 LC Accessory Kit for jacketed fiber (2 mm boot and a crimp sleeve) AX101984 SC Accessory Kit for jacketed fiber (3 mm boot, crimp sleeves, cord adapter) AX101794 ST Accessory Kit for jacketed fiber (3 mm boot, crimp sleeves) AX101793 Optimax Installation Tool Kit LC/SC/ST Compatible (includes installation tools, fiber cleaver, crimping tool, instruction manual, microscope, tweezers, alcohol wipes, marker, scissors, waste bottle, fiber stripper, cable stripper and Training Video) Basic (excludes fiber stripper & cleaver) AX100949 Optimax LC Tool Kit Upgrade (includes LC installation tool, instructions manual, foam for the case) Optimax Individual Components Fiber Cleaver A0408829 Installation Tool LC (does not include tool-clamp) AX102062	Description	Belden Part Number
LC 62.5 μm, Multimode* LC 50 μm, Multimode* AX101982 LC Single-mode* AX101983 SC 62.5 μm, Multimode* AX100029 SC 50 μm, Multimode* AX101077 SC Single-mode* AX101792 ST Compatible 62.5 μm, Multimode* AX101792 ST Compatible 62.5 μm, Multimode* AX101075 ST Compatible 50 μm, Multimode* AX101075 ST Compatible Single-mode* AX101791 LC Accessory Kit for jacketed fiber (2 mm boot and a crimp sleeve) AX101984 SC Accessory Kit for jacketed fiber (3 mm boot, crimp sleeves, cord adapter) AX101794 ST Accessory Kit for jacketed fiber (3 mm boot, crimp sleeves) AX101793 Optimax Installation Tool Kit LC/SC/ST Compatible (includes installation tools, fiber cleaver, crimping tool, instruction manual, microscope, tweezers, alcohol wipes, marker, scissors, waste bottle, fiber stripper, cable stripper and Training Video) Basic (excludes fiber stripper & cleaver) AX100949 Optimax LC Tool Kit Upgrade (includes LC installation tool, instructions manual, foam for the case) Optimax Individual Components Fiber Cleaver A0408829 Installation Tool LC (does not include tool-clamp) AX102062	Fiber <i>Express</i> Connectors	
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	Installation Tool LC (does not include tool-clamp)	AX102062
Installation Tools ST Compatible and SC (includes tool-clamp) A0403634	Installation Tools ST Compatible and SC (includes tool-clamp)	A0403634
Microscope AX100910	Microscope	AX100910
Refurbishing Materials (80 alcohol wipes and a black felt tip marker) AX100951	Refurbishing Materials (80 alcohol wipes and a black felt tip ma	rker) AX100951
Installation Instruction Manual, LC AX102063	Installation Instruction Manual, LC	AX102063
Installation Instruction Manual, SC PX101318	Installation Instruction Manual, SC	PX101318
Installation Instruction Manual, ST Compatible PX101317	· '	
Installation & Training Video, CD (see literature ordering form on the web) NOT0651	· · · · · · · · · · · · · · · · · · ·	·
Crimp Tool complete with die A0403641	Crimp Tool complete with die	A0403641

These products are in the process of being assessed for RoHS compliance. Please check our Web Site for the most current RoHS status.

^{*}For 900 µm buffered fiber only. For Optimax Single-mode termination on jacketed fiber, please use the appropriate Accessory Kit.