

NP 271

**Belden® Optimax®
Enhanced Tool Kit**

The Belden FiberExpress® Optimax Enhanced Installation Tool Kit is packaged in a small, convenient carrying case and has all the installation aids necessary to accomplish the error-free termination of Belden Optimax connectors.



**Belden Offers Installers
a Comprehensive Tool Kit
for the Field Installation
of its Optimax LC, SC and
ST-Compatible Optical
Fiber Connectors**

Belden's FiberExpress Optimax Connectors are easy to install in the field since they do not require epoxy, curing or polishing (see NP 270). Their unique design incorporates a factory-polished fiber stub in a splice mechanism which provides a fast, secure and reliable termination of optical fiber cables. And only simple tools are required – all conveniently contained within the Optimax Enhanced Tool Kit.

The Optimax Enhanced Tool Kit is packaged in a small, convenient carrying case and includes an 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 and, specifically, Optimax LC, SC or ST-Compatible Multimode and Single-mode connectors.

Belden has simplified its Installation Tool components by developing a single multi-headed tool adapter that accepts LC/SC/ST connector types. This provided room in the kit to add an Installation Tool table-top base. We have reduced the number of manuals with a "three in one" version for all connector types (LC/SC/ST). We have also combined the stripping functionality using one tool for both cable and fiber stripping. We also have made available, separately, replacement parts for the Fiber cleaver: The Leaf Spring

Baseplate and the Ceramic Blade. Overall, this improves the Kit's ease of use and versatility.

Enhanced Tool Kit Components

The LC/SC/ST-Compatible Optimax Enhanced Tool Kit (Part No. AX103142) includes the following items:

- Instruction manual (New)
- Training video
- Microscope
- Fiber cleaver
- Fiber/cable stripper
- Tool clamp
- Crimping tool
- Tool table-top base (New)
- Tweezers
- Alcohol wipes
- Marker
- Waste bottle
- Scissors

Of particular usefulness is the microscope fiber adapter which prevents the user from scratching the plastic during the fiber preparation process; the stripper with a 180 micron opening that reduces the users' risk of breaking the fiber; and a fiber cleaver with a "v" grooved fiber guide which reduces the risk of getting an angled cleave.

A Basic Enhanced Tool Kit, an Optimax Enhanced Tool Kit Upgrade, individual tools and replacement parts are also available to accommodate those installers that already possess certain optical fiber installation tools.

Belden® FiberExpress® Optimax® Enhanced Installation Tool Kit

Description	Belden Part Number
Optimax Enhanced Tool Kit	
LC/SC/ST Compatible (includes installation tools, fiber cleaver, crimping tool, instruction manual, microscope, tweezers, alcohol wipes, marker, scissors, waste bottle, Universal fiber/cable stripper, and Training Video)	AX103142
Basic (excludes Universal fiber/cable stripper & cleaver)	AX103146
Optimax Enhanced Tool Kit Upgrade (includes New installation tool and inserts, tool table-top base, instructions manual, foam for the case)	AX103147
Optimax Individual Components	
Fiber Cleaver	A0408829
Universal Installation Tool LC/SC/ST (includes inserts, tool, tool clamp)	AX103152
Installation Tool Table-top Base	AX103153
Microscope	AX100910
Refurbishing Materials (80 alcohol wipes and a black felt tip marker)	AX100951
Installation Instruction Manual (LC, SC, ST)	AX103148
Installation & Training Video, CD (see literature ordering form on the web)	NOT0651
Crimp Tool (complete with die)	A0403641
Cleaver's Ceramic Blade Replacement	AX103149
Cleaver's Leaf Spring Base plate replacement	AX103150

