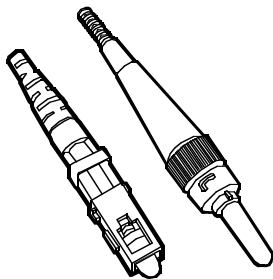


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# BLACK BOX NETWORK SERVICES

## UV-CURABLE, REDUCED-PIECE-PART, GLASS-INSERT FIBRE OPTIC CONNECTORS



*Make a quick fibre connection (in just four minutes!)  
with these pre-assembled multimode connectors.*

### Key Features

- ▶ **Pre-assembled connectors allow termination in less than four minutes.**
- ▶ **Only three pieces to assemble.**
- ▶ **Yield for field-assembled connectors should exceed 99%.**
- ▶ **Ideal for main, intermediate, or horizontal cross-connects, as well as initial installations.**

**T**erminating your fibre optic cables doesn't need to take a lot of time. With these Connectors, you can make a full termination within four minutes!

These pre-assembled connectors have only three pieces that need to be put on in the field: the boot, the strain relief, and the connector body.

The ferrule has a ceramic-encased glass insert that enables

the use of UV-curable adhesive to bond the fiber into the ferrule. And, because the glass insert protrudes from the ceramic sleeve and is in fact polished along with the fibre, you can polish aggressively. Don't worry—you won't undercut or shatter the fiber, so you'll have less scrap and your yield for field-assembled connectors should exceed 99%!

The UV-curable adhesive is self-contained in a syringe and cures in one minute or less. It has no pot life, so it won't produce much waste.

These high-quality ceramic fibre optic connectors are ideal for main, intermediate, or horizontal cross-connects. They are also good for use in initial fibre-cable installations.

### Specifications

**Durability** — < 0.2 dB change, 1000 rematings

**Insertion Loss** — 0.2 dB typical

**Construction Materials** —  
Ferrule: Glass insert; Housing:  
Clear polymer

**Nominal Fibre O.D.** — 125 µm

**Temperature Cycling** —  
< 0.3 dB change, -40° to +75°C  
(-40° to +167°F), 40 cycles

**Tensile Strength** — < 0.2 dB  
change, 10kg

### Ordering Information

ITEM	CODE
UV-Curable, Reduced-Piece-Part, Glass-Insert Connectors	
ST .....	F0110
SC .....	F0111