

 <b>FiberDeal</b> <i>@ the Speed of Light</i>		
<b>SC Connector: DOC No. FCSC-XXX</b> <b>SC Adapter: DOC No. FASC-XXX</b>	Written & Approved date: 07/07/05 Revision: B	Page: 1/2
<b>SC Connector &amp; Adapter Specifications</b>		

## Features & Specifications

- Meets JIS C5973 F04 type and EIA/TIA 604-3A standards.
- Economical in both design and termination process.
- Snap-In connector design; Precision mechanical dimensions.
- Reduces assembly time and simplifies training.
- Reduces maintenance and creates consistent optical performance.
- Stable performance:
  - <0.2dB typical MM.
  - <0.15dB typical SM.
- Operating temperature -20C~+70C.
- Storage temperature -40C~+80C.

## Applications

- Telecommunication networks.
- Data communication networks.
- Active device termination.
- Instrumentation.

The SC connector is easily fielded mountable and is completely compatible with other SC hardware. This design, which provides non-optical disconnect terminations is a push-pull coupling mechanism, has been tested to the rigorous Bellcore-326 standards.

The SC connector comes in Blue (SM), Beige (MM) and Green (APC) housing and boot colors for 900 micron buffered fiber, 2.0mm, 2.4mm and 3.0mm jacketed cables.

All versions utilize precision ceramics and the latest engineering polymers in their constructions. With their pre-assembled one-piece design and pre-polished ferrules, these connectors provide quick and economical terminations in both factory and field settings. The pre-polished ferrule delivers a consequently consistent optical performance.

Molded polymer adapters containing either the precision ceramic or the (Ph-Br) Phosphor Bronze alignment sleeves are used to mate SC connectors.

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