



Fiber Optic Component

SwifTerm™ SC No-Polish Connector

Optec's SwifTerm™ SC No-Polish Connector is uniquely designed for a quick, easy and reliable field-termination. This pre-polished, pre-assembled connector eliminates the need for epoxy, hand polishing and crimping at site, thus minimize the chances of operator errors and maintains higher process yield. It is ideally for use in any premises workstation, FTTH, FTTP applications for indoor or outdoor environments, and CATV backbone networks.



SwifTerm™ is using innovative C-slot design on ceramic ferrule, the interconnection is to be done inside the ferrule hole by locking the fibers, which secures the highest precision of fiber alignment to achieve best in-class optical performance and durability. Featuring only 3 components, it provides efficient field terminations in less than half the time of conventional field polish connectors.

Features and Applications

Patent pending innovative C-slot design

High precision fiber alignment with high optical performance and durability

Ease of installation

No special tools and equipment required during installation

Ease of handling and termination

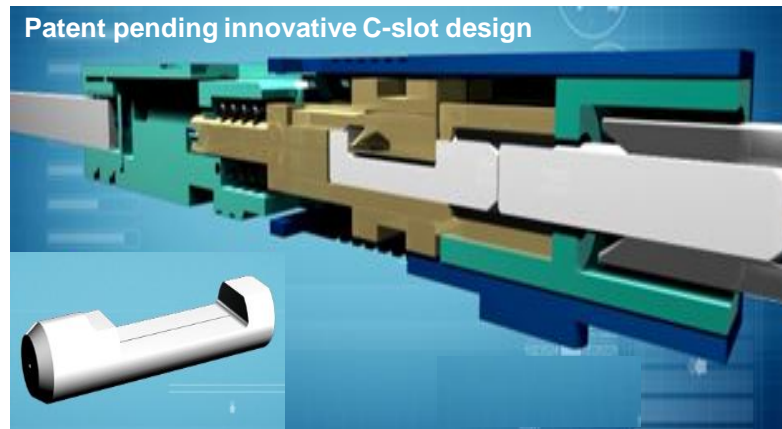
Connector only consists of 3 components

No adhesive, crimping or polishing is needed

Eliminates the costs of acquiring and maintaining any field-splicing machines and tools

Suitable for use with different applications

Ideal for use in any premises workstation, FTTH, FTTP, CATV backbone



Suitable for use with any cable types include:

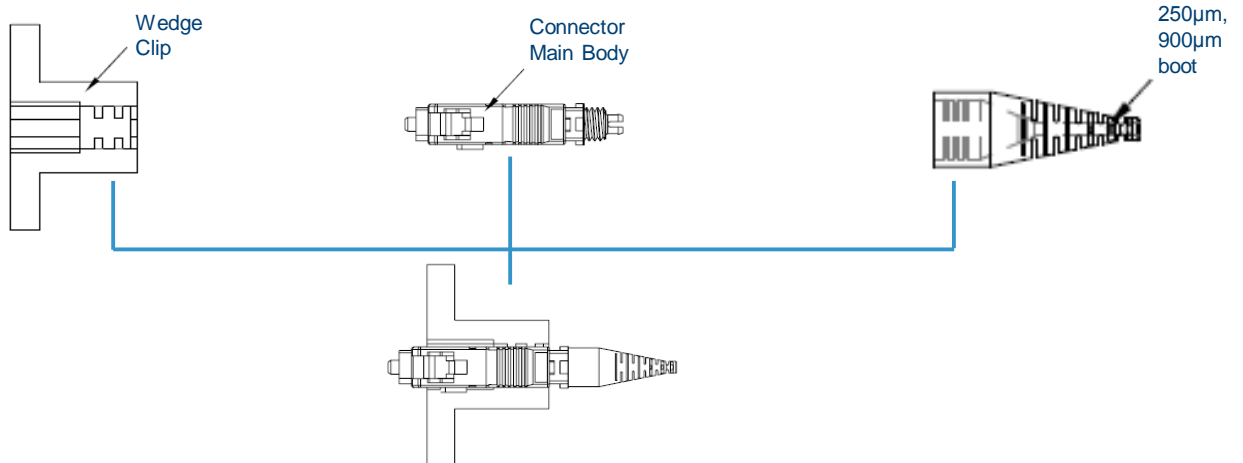
- ✓ Drop Cables
- ✓ 250µm or 900µm Buffered Cables
- ✓ 2mm or 3mm Cables

Specifications

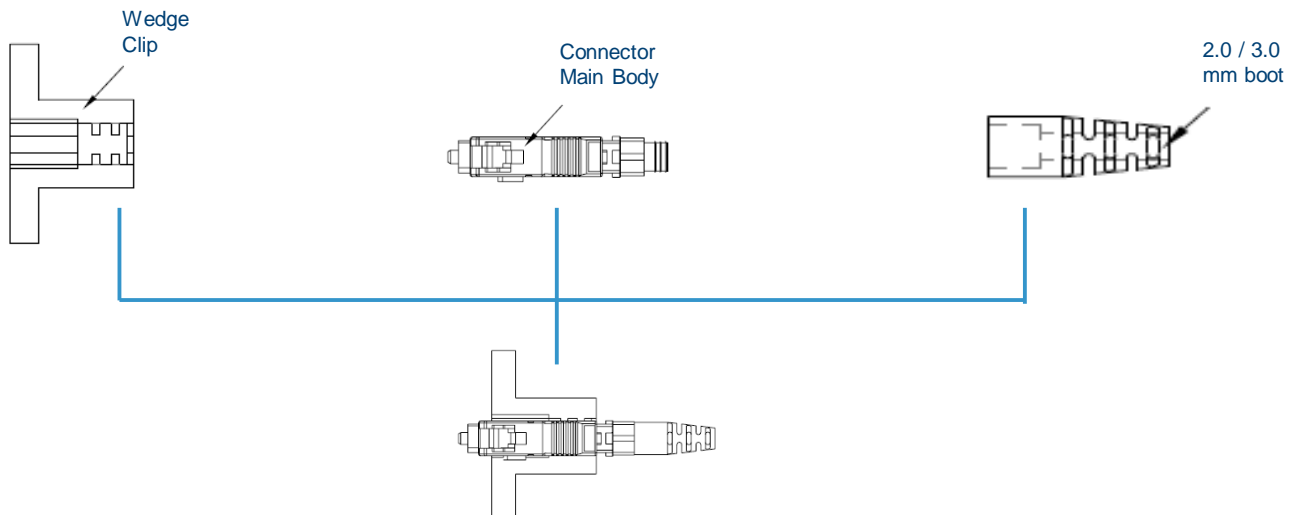
| Product Specifications | |
|------------------------|------------------------------------|
| Connector Type | SC Singlemode (SM/UPC or SM/APC) |
| Ferrule Type | Ceramic |
| Cable Type | 250µm, 900µm, 2mm, 3mm, Drop Cable |
| Operating Temperature | -40°C ~ +85°C |
| Mechanical Performance | Straight pulling force 30N * |
| Mating Durability | < 0.1dB after 500 mating |
| Insertion Loss | Typical 0.15 dB Maximum 0.40 dB |
| Return Loss | 55dB |

Products Drawings

Connector with 250µm/900µm Boot



Connector with 2.0mm/3.0mm Boot



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