

X High Performance, Precision Design

X Multimode or Singlemode Specification

X Pigtail and Cable Boots Included

Features

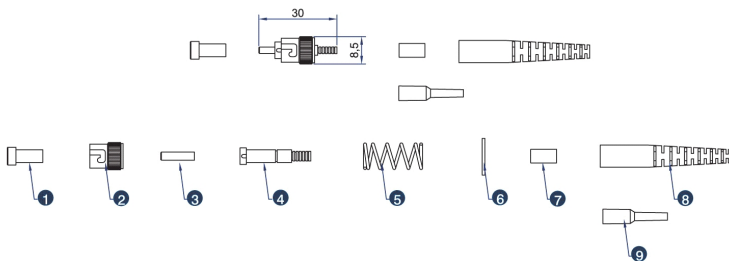
- High Performance, Precision Design
- Pigtail and Cable Boots Included
- High Quality Precision Nickel Plated Brass Housing
- Supplied with 900µm and 3mm cable strain relief boot
- Multimode or Singlemode Specification
- High Quality Precision Ceramic Ferrule
- Consistent High Performance

Product Overview

The Excel range of ST simplex optical fibre connectors are precision tooled to provide the highest levels of reliability and performance, each connector has a 2.5mm ceramic ferrule which is housed in a nickel plated brass housing. The range extends to singlemode and multimode Regardless of choice of style each connector is supplied with a 900µm and 3mm strain relief boot suitable for use with pigtail and buffered fibre cables respectively.

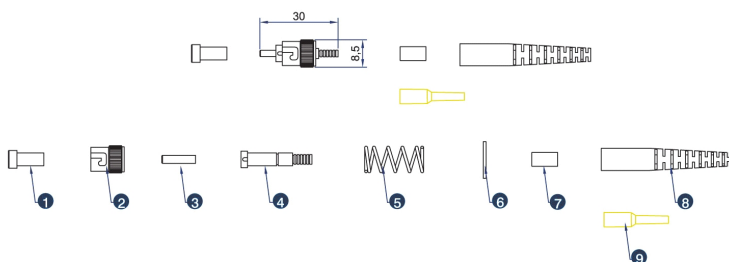
Product Schematics

Multimode



- 1 Dust cover
- 2 Housing
- 3 Multimode Ferrule
- 4 Flange
- 5 Spring
- 6 Buckle
- 7 ST 3.0 Crimp
- 8 ST 3.0 Black boot
- 9 ST 0.9 Black boot

Singlemode



- 1 Dust cover
- 2 Housing
- 3 Singlemode Ferrule
- 4 Flange
- 5 Spring
- 6 Buckle
- 7 ST 3.0 Crimp
- 8 ST 3.0 Black boot
- 9 ST 0.9 Yellow boot

Product Specification

Multimode Optical Connector	-
Insertion Loss	0.3dB Maximum
Singlemode Optical Connector	-
Insertion Loss	0.3dB Maximum
Return Loss	> 50dB UPC Style Ferrule
Strain Relief Boots	-
Pigtail Boot	900µm beige (MM) blue (SM)
Cable Boot	3mm black (MM) 2mm upon request
Mechanical Performance	-
Durability	Up to 1000 matings
Ferrule Diameter	2.5mm +/- .001
Ferrule Tolerance	126 +/- 0.5µm internal diameter - Singlemode
Ferrule Tolerance	127 +/- 0.5µm internal diameter - Multimode
Finish	Pre-radiused PC end, radius 10 to 25mm
Operating Temperature	- 40 to + 85 °C
Mating Mechanism	Bayonet Twist Lock
Standards Compliance	-
Compatibility	IEC61754-20 Optical Fibre Connector Interface
Durability	IEC61300-2-2 Fibre Optic Interconnecting Devices
Optical Performance	IEC61753-1 Optical Fibre interconnecting devices and passive components performance standard

Multimode Optical Fibre Connectors

Part No.	Description
200-330	Fibre Optic Connectors Multimode ST II Simplex

Singlemode Optical Fibre Connectors

Part No.	Description
200-319	Fibre Optic Connectors Singlemode ST II Simplex

Also available within the Excel fibre optic range are multicore cables, patch cords, pigtails and patch panels.

System Warranty

The Excel System Warranty provides a 25-year product and applications assurance of compliance with the industry performance standard appropriate to the class of cabling installed. The warranty may be applied for by an accredited Excel Partner who has designed, supplied and installed the said system.



Excel is a world-class premium performing end-to-end infrastructure solution - designed, manufactured, supported and delivered - without compromise.

Contact us at sales@excel-networking.com

