



X High Performance, Precision Design

X Multimode or Singlemode Specification

X Pigtail and Cable Boots Included

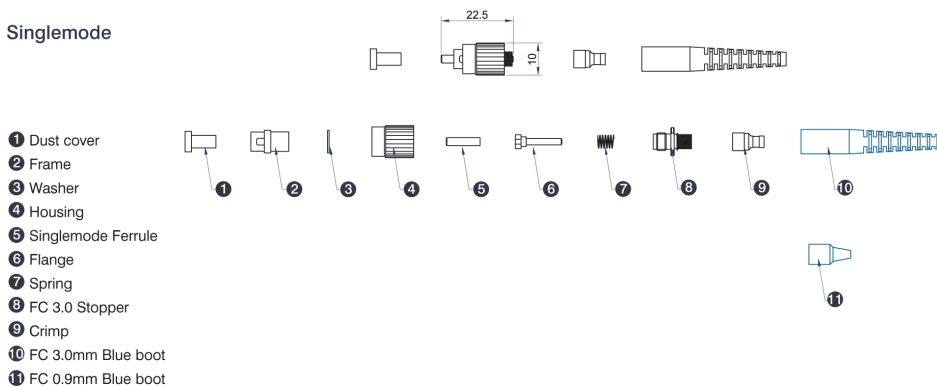
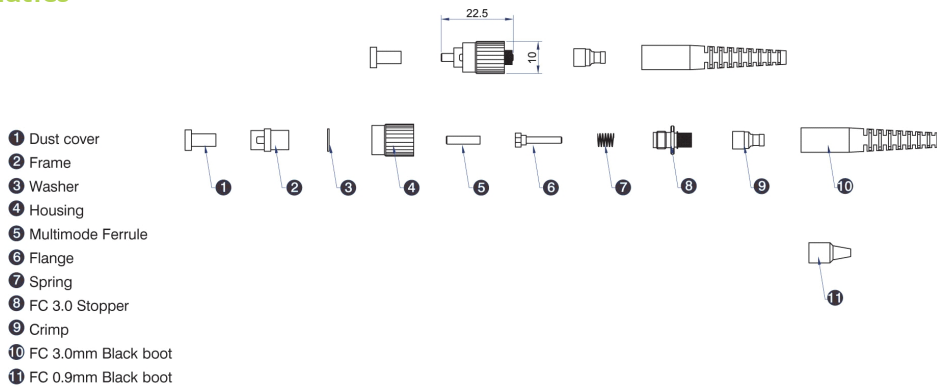
## Features

- 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
- APC Green boot 900µm or 3mm

## Product Overview

The Excel range of FC 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 Ferrule 11 FC 0.9mm Blue boot

## Product Specification

Multimode Optical Connector	-
Insertion Loss	0.3dB Maximum
Singlemode Optical Connector	-
Return Loss	> 55dB UPC Style Ferrule
Return Loss	>60dB APC Style Ferrule
Strain Relief Boots	-
Pigtail Boot	900µm black (MM) blue (SM)
Cable Boot	3mm black (MM) blue (SM), 2mm upon request
Mechanical Performance	-
Durability	Upto 1000 matings
Ferrule Diameter	2.5mm +/- .001
Ferrule Tolerance	126 +/- 0.5µm internal diameter - Singlemode
Ferrule Tolerance	127 +/- 0.5µm internal diameter - Multimode
Polish	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
200-301	Fibre Optic Connectors Multimode FC Simplex

## Singlemode Optical Fibre Connectors

Part No.	Description
200-302	Fibre Optic Connectors Singlemode FC Simplex

Singlemode APC Connectors available, contact your local Excel distributor.

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.



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