

FSD Connector Components — Multimode

Product Facts

- Meets specifications of FDDI PMD - ANSI X3.166
- Ceramic ferrules available
- Designed in polarization and user defined keying

Performance Characteristics

Insertion Loss — 0.5 dB typical

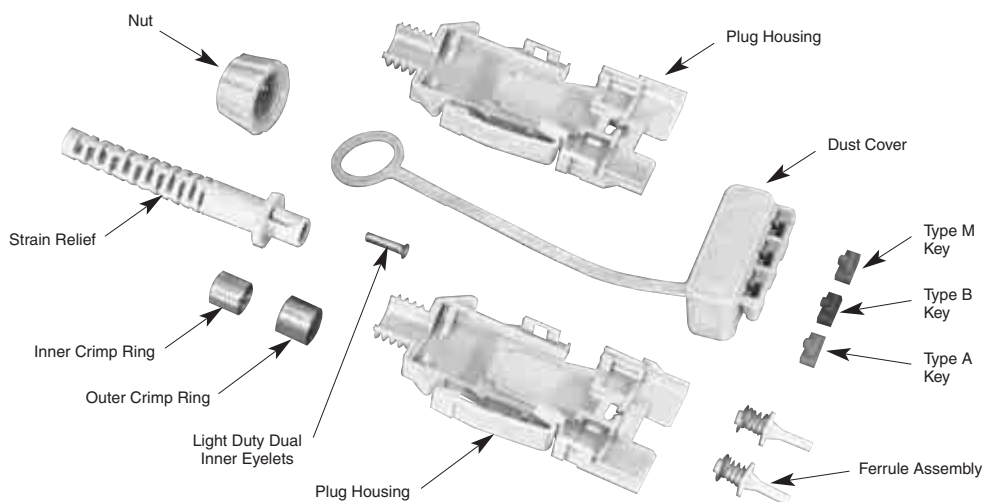
Durability —

Ceramic Ferrules 500 cycles

Ceramic Instruction Sheet

408-9373

<http://www.tycoelectronics.com/documents>



FSD

Diameter (µm)	Part Number				Replacement Ferrules
	Cable Type				
	DUALAN Cable		Light Duty DUALAN Cable		
	Single Packed	Bulk Packed	Single Packed	Bulk Packed	
Ceramic Ferrules					
125	5501780-1	5501780-3*	5502015-1	5502015-3*	5501779-1

Termination Kit: 503746-6

* Bulk packed, 200 per package.

Assembly Fixtures: with Polishing Tool: 501795-1; without Polishing Tool: 502023-1

Field Keyable FSD Receptacles and Adapters



Multimode Receptacles

Description	Sleeve Material	
	Metal	Ceramic
FSD to FSD	502806-2	502806-4
FSD to ST	502808-2	502808-4

Note: All part numbers are RoHS compliant.

ESCON Connector Components

ESCON Connector Plug

Product Facts

- Multimode
- IBM Approved
- Simple field assembly

Performance Characteristics

Assembly Loss — 0.2 dB Typical

Durability — 200 cycles

Instruction Sheet

408-9808

<http://www.tycoelectronics.com/documents>



Description 125 µm	Part Number Black
DUALAN Cable	5492181-1
DUALAN Cable	5492181-2*

* Bulk packed, 50 per package
Termination Kit: 503746-6.

ESCON Receptacles

Product Facts

- Multimode



Description	Part Number Black
ESCON to ESCON	502825-2
ESCON to ST	502826-2

ESCON Assembly Fixture Kit

Used to hold ferrules during assembly, epoxy curing, and polishing. Allows simultaneous polishing of both ferrules.



Description	Part Number Black
Without Polishing Bushing	492236-2
Polishing Bushing	492269-1

ESCON is a trademark of IBM Corporation.

Note: All part numbers are RoHS compliant.

FSMA Products — Multimode

Product Facts

- Industry compatible with 905 (FSMA-I) and 906 (FSMA-II) style connectors
- Terminates fiber sizes from 125 through 1000 microns in diameter
- Design parameters conform to NATO and IEC interface standards

Performance Characteristics

Insertion Loss — 1.3 dB Typical

Temperature Range —
-55°C to +105°C

Durability — 200 cycles

Documentation

Product Specification

108-45106

Instruction Sheet

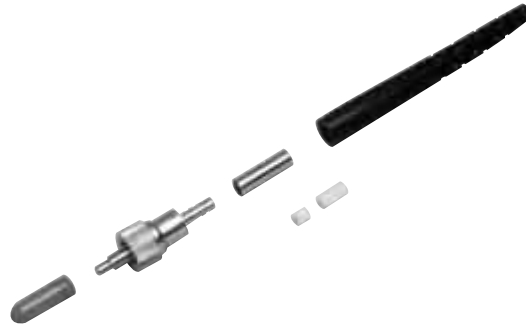
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FSMA 905 & 906

Test Report

501-359

<http://www.tycoelectronics.com/documents>



FSMA Connectors

Ferrule Material	Connector Body Material	Fiber Diameter (µm)	Nominal Jacket O.D.		
			3.1 mm		4.3 mm
			905	906	905
Stainless Steel	Nickel-Plated Brass	125	5504566-1	5504014-1	5504567-1
		140	5504566-2	1-5504014-0	5504567-2
		231	5504566-7	—	—
		336	1-5504566-4	—	—
		720	—	—	3-5504567-9
		1000	3-5504566-0	—	—
		1050	3-5504566-1	—	2-5504567-9
		2050	—	—	3-5504567-3

Adapter

Product Facts

- Precision mating adapter for all FSMA connectors
- In-line splice or panel mount design



Description	Part Number
FSMA Adapters	
Hex Flange, Stainless Steel	501049-1
Hex Flange, Stainless Steel, Counterbore, Sealed	501050-1
Fixed Flange, Nickel-Plated Brass	5504026-1
In-Line, Stainless Steel	504028-1
In-Line, Nickel-Plated Brass, Counterbore	5504030-1
In-Line, Stainless Steel, Counterbore, Short	504031-1

Active Device Mount

Product Facts

- Designed to house TO-18, TO-46, and TO-52 devices
- Constructed of nickel plated die cast zinc alloy or stainless steel
- Mounts to PC board or through panel



Description	Part Number
FSMA Active Device Mounts	
PC Mount Receptacle, Die Cast	5502136-1
PC Mount Receptacle, Die Cast, Bulk Packaged	5502136-2
PC Mount Receptacle, Stainless Steel	501055-1

Note: All part numbers are RoHS compliant.