

# FIS FC/APC MATING SLEEVE

## APPLICATIONS

- Telecommunications
- Local area network
- Fiber optic instruments
- Testing of optical devices with different connectors
- Updating patch panel cable and connector configurations

## FEATURES

- Low insertion loss
- Perfect durability
- Precision alignment straight split sleeves
- Reducing space requirements
- Eliminating unnecessary interconnect mating losses
- Improving existing interconnect systems



**F1-8501S**

## SPECIFICATIONS

### Materials

External housing	Nickel Plated Zinc Alloy
Dust cap	Vinyl
Sleeve	Zirconia

### Optical Characteristics

Insertion Loss variation during withdraw force test	< .20 dB
Insertion Loss variation after 500 connections	< .10 dB
Typical Insertion Loss	.07dB@1310nm

### Environmental

Operating Temperature (°C)	.Min -20° Typ. +25° Max +60
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## ORDERING INFORMATION

PART #	TYPE	STYLE	HOUSING	SLEEVE	KEY WIDTH
F1-8501S	Multimode	4	Metal	Phos. Bronze	2.18mm
F1-8510	Multimode	2	Metal	Phos. Bronze	2.18mm
F1-8520	SM / MM	2	Metal	Zirconia	2.18mm
F1-8521S	Singlemode - APC	4	Metal	Zirconia	2.06mm
F1-8525	Singlemode - APC	2	Metal	Zirconia	2.06mm

## TECHNICAL DRAWING

MOUNTING HOLE DIMENSIONS  
(REFERENCE ONLY)

