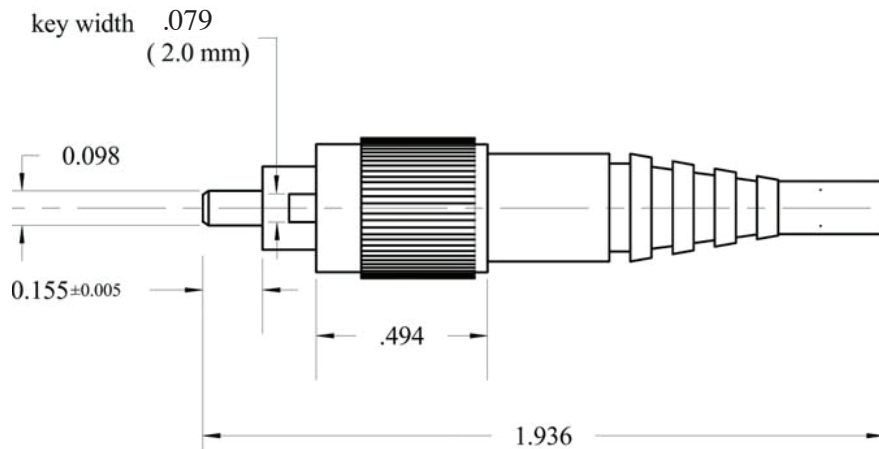


FIS FC/PC CONNECTOR

The FIS FC Connector is designed specifically for the installer that demands fast, easy assembly, and top optical performance. This nonoptical disconnect connector is available in multimode and singlemode versions. The high precision, pre-radius zirconia ceramic ferrule polishes quickly. The FIS FC is a superior quality connector at a low cost.

FEATURES

- Zirconia Ceramic Pre-Radius or Stainless Alloy Ferrule
- Non-Optical Disconnect Connector
- Strain relief boots available in 3.0mm and 900um
- Meets FOTP, EIA/TIA, & JIS Industry Standards



DESCRIPTIONS

PART #	FIBER SIZE	FERRULE	TYPICAL LOSS	TYPE
F12070	126µm	Zirconia	.1 dB	Singlemode
F12073	125µm	Zirconia	.2 dB	Multimode
F12771	125µm	Stainless Alloy	.2 dB	Multimode
F12772	140µm	Stainless Alloy	.3 dB	Multimode
F12777	140µm	Zirconia	.3 dB	Multimode

SPECIFICATIONS

Performance

SM Zirconia	Typ. .2dB Max .5dB
MM Zirconia	Typ. .4dB Max .6dB
MM Stainless	Typ. .5dB Max .6dB

Industry Standards Testing

Insertion Loss	FOTP 20 TIA/EIA 455-A
Mating Durability	500 Cycles for JIS 5961 6.3 FOTP 21

Humidity

TIA/EIA 455-21B
40°C @ 90%RH
JIS C 5961 7.1, 7.2, 7.4, 7.5
FOTP-5 TIA/EIA 455-5B Method A

Vibration

10-55 Hz, 1mm p-p
JIS C 5961 6.1

Mechanical

Singlemode	126um +1/-0 (standard)
	125um +1/-0 (standard)
	127um +1/-0 (optional)
MM Ceramic	128um +2-1 (standard)
Stainless Alloy	128um +3/-2
Ferrule Diameter	2.5mm +0/-0.003
Operating Temperature	-40°C to +80°C

Cable Acceptance 3mm Tight Buffer

Materials

Body/Hardware	Brass
Coupling Mechanism	Nickle Plated Brass
Ferrule	Pre-radius Zirconia Ceramic or Stainless Aluminum Alloy
Strain Relief Boot	Termoplastic Elastomer



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