

FIS FC/APC CONNECTOR



Part #: F1-2070900APC

FEATURES

- Zirconia Pre-Angled, Pre-Radiused Ferrule
- Non-Optical Disconnect Connector
- Meets JIS Industry Specifications

The FIS FC/APC connector is the ultra low back reflection connector designed specifically for the installer that demands fast, easy assembly, and optical performance. The high precision Pre-radius Zirconia ceramic ferrule polishes quickly.

SPECIFICATIONS

Materials

Ferrule	Zirconia Ceramic
Outer Housing	Nickel Plated Brass
Inner Body	Brass
Crimp Sleeve	Brass
Boot	Thermoplastic Rubber

Ferrule Dimensions:

Fiber Hole	126um +1/-0 (standard)
Outside Diameter	2.5mm +0/-0.001
Ferrule Angle	8.0° +/- 0.5

Optical Performance

Insertion Loss	<0.15 dB typical <0.5 dB maximum
Optical Loss	< -60dB hand polish < -65 dB machine polish

Mechanical Performance

Operating Temperature	-40° - + 70° C
Humidity	+40° @ 90% RH
Vibration	10-55Hz, 1mm p-p

Cable Acceptance:

- 3.0mm Tight Buffer Cable
- 900um Tight Buffer Cable

ORDERING INFORMATION

F1-2070900APC	900µm
F1-2070APC	3.0mm

TECH DRAWING

