

## Fiber Optic Attenuated Jumpers



### AFL introduces high performance, low cost fiber optic attenuated jumpers.

Alcoa Fujikura Ltd. attenuated jumpers provide superior performance for all singlemode and multimode in-line attenuation requirements. They couple the features of built-out style attenuators with the convenience of patchcord fiber management.

These attenuators are manufactured using a core offset method of attenuation and offer low reflectance and excellent temperature stability from -40°C to 85°C. Attenuation values are available from 1-15dB with tolerances less than 10%. Jumpers are available fully terminated with a variety of different connectors or unterminated.

### KEY FEATURES

- Long term reliability
- Excellent environment stability
- Low ripple, wavelength independent attenuation
- Polarization insensitive

### PRODUCT APPLICATION

- CATV
- Video Distribution
- Long Haul Telecommunications
- LAN
- Network Testing
- Passive Optical Networks
- Telco
- Fiber in the Loop

### AVAILABILITY

Please contact your SSR for lead time.

### CLICK HERE

for complete technical specifications and part number information.

For pricing, availability, and additional information about this and other Passive Optical Components from Alcoa Fujikura Ltd., please call:  
**1-800-AFLFIBER**

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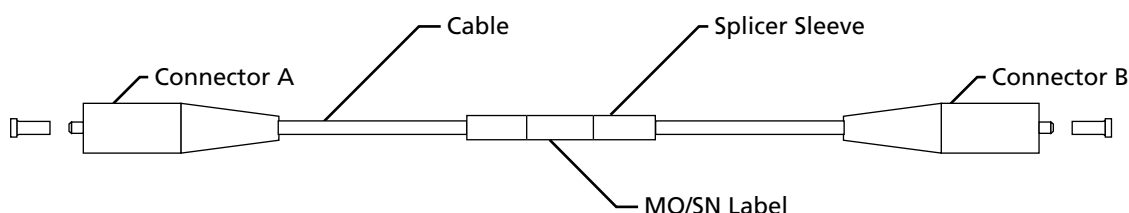
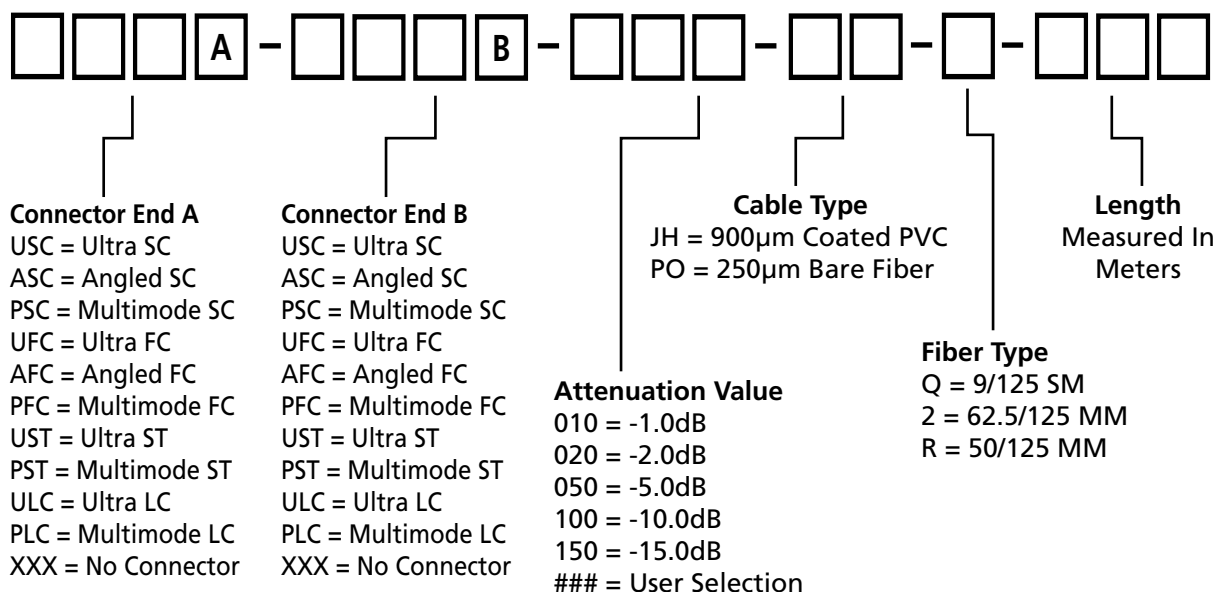
## Fiber Optic Attenuated Jumpers - TECHNICAL SPECIFICATIONS

Attenuator Specifications	
Standard Attenuation Values:	1, 2, 5, 10, 15dB or custom
Attenuation Tolerance:	± 10% standard, ± 5% special order
Operating Wavelengths:	850nm, 1310nm, 1550nm, 1310/1550nm
Operating Temperature Range:	-40°C to 85°C
Thermal Stability:	≤ 0.1dB
Polarization Stability:	≤ 0.2dB
Pull Strength:	≥ 2lb (per Telcordia GR-910-CORE)
Connectors Options:	SC, FC, ST, LC
Fiber Type:	9/125 SM, 50/125, 62.5/125 MM
Length:	≥ 1m

Connector	Ultra	Angled	Multimode
Insertion Loss	≤ 0.25dB	≤ 0.50dB	≤ 0.50dB
Back Reflection	≥ 55dB	≥ 60dB	≥ 30dB

\*Specifications subject to change.

## DESCRIPTION / ORDERING INFORMATION



**BACK**



**ALCOA**