

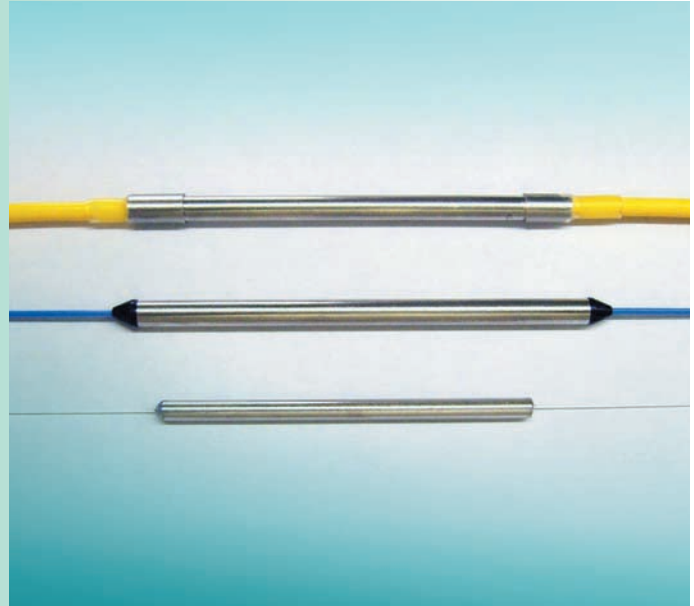
A-IF FIXED IN-LINE TYPE ATTENUATORS

Features:

- Environmentally stable
- Easy installation
- Custom designed specifications
- Low return loss
- Low insertion loss
- Readily panel mountable
- Compact packaging

Applications:

- Telecommunications
- LAN
- CATV
- Fiber optic sensors
- Testing instruments
- Fiber to the home
- Multi-channel subscriber loop
- Optical transmission system



Performance Specifications:

<Single-Mode>

ITEM	Standard	Wideband	Dual Windows
Operating Wavelength, nm	1310 or 1550	1310 or 1550	1310 and 1550
Bandwidth, nm	±10	±40	±40
Attenuation, dB	1 ~ 30, or otherwise specified		
Attenuation Accuracy, dB typical, not including connector termination	± 0.5 (for 1 ~ 10dB) ± 10% (for 11 ~ 25dB)		
Back Reflection, dB	≤ -50		
Operating Temperature, °C	-40 ~ 85 (*)		
Package Options (for different pigtailed)	1. coated fiber (250µm)	TE	
	2. loose tube (900µm)	TA	
	3. PVC cable (3.0mm)	TA	

<Multi-Mode>

ITEM	Standard	
Operating Wavelength, nm	850 or 1310	
Bandwidth, nm	±10	
Attenuation, dB	1 ~ 30, or otherwise specified	
Attenuation Accuracy, dB typical, including connector	± 0.5 (for 1 ~ 5dB), ± 10% (for 6 ~ 20dB)	
Operating Temperature, °C	-40 ~ 85 (*)	
Package Options (for different pigtailed)	1. coated fiber (250µm)	TE
	2. loose tube (900µm)	TA
	3. PVC cable (3.0mm)	TA

Note: 1. * 0°C ~ +70°C for 900µm, 2.0mm, or 3.0mm cable.

FIXED IN-LINE TYPE ATTENUATORS

Ordering Information:

A - IF - - - - - - /

Fiber Type

- A Singlemode Fiber
- C 50/125μm
- D 62.5/125μm
- X Other type of fiber

Cable Type

- C TE with coated fiber, 250μm
- L TA with loose tube, 900μm
- O TA with PVC cable, 2.0mm
- Q TA with PVC cable, 3.0mm
- X Others, please specify

Attenuation Value

01 ~ 30 Please specify

Attenuation Accuracy

- H High grade (± 0.5dB)
- A Average grade (± 10%)

Pigtail Length (for each end)

4-digit number, please specify in cm

Operating Wavelength and Bandwidth

85	850nm	13	1310nm
15	1550nm	3W	1310 ± 40nm
35	1310/1550nm dual windows	5W	1550 ± 40nm
00	Others, please specify	RX	1300nm

Connector Type (for both ends)

FC	FC type	AP	FC/APC type
SC	SC type	AS	SC/APC type
ST	ST type	NC	None
LC	LC type	MU	MU type
XX	Others, please specify		