

## ▼ CHAPTERS

Fiber Patch  
Cables

Bare Fiber

Fiber  
OptomechanicsFiber  
ComponentsTest and  
Measurement

## ▼ SECTIONS

Collimators

Couplers

WDMs

RGB Combiner

Circulators

Fiber Isolators

Faraday Mirrors

Fiber Attenuators

Polarization  
Controllers

Optical Switches

Mating Sleeves

Terminating  
Connectors

Termination

## FC/PC Single Mode Fiber Optical Attenuators: Fiber Connector



FA05T

These terminators allow one to attenuate an optical signal easily by plugging an FC/PC-terminated fiber directly into the back end of the attenuator. The front of the attenuator is a male connector style and can be directly plugged into FC/PC receptacles or adapters. These single mode attenuators are made with polarization-insensitive doped fiber to achieve the specified attenuation.

## Specifications

- **Operating Wavelength:** 1240 - 1620 nm
- **Return Loss:** >50 dB (FC/PC)
- **Maximum Power Capability:** 1 W
- **Polarization-Dependent Loss (PDL):** <0.1 dB (FC/PC)
- **Operating Temperature:** -40 to 85 °C
- **Key Size:** Universal (Wide-Key Input, Narrow-Key Output)

## FC/PC Fiber Connector Optical Attenuators

ITEM #	\$	£	€	RMB	DESCRIPTION
FA05T	\$ 20.80	£ 14.98	€ 18,10	¥ 165.78	Fixed Optical Attenuator, 5 ± 0.5 dB, FC/PC Connector
FA10T	\$ 21.00	£ 15.12	€ 18,27	¥ 167.37	Fixed Optical Attenuator, 10 ± 0.7 dB, FC/PC Connector
FA15T	\$ 21.00	£ 15.12	€ 18,27	¥ 167.37	Fixed Optical Attenuator, 15 ± 1.0 dB, FC/PC Connector
FA25T	\$ 21.00	£ 15.12	€ 18,27	¥ 167.37	Fixed Optical Attenuator, 25 ± 1.3 dB, FC/PC Connector

## FC/APC Single Mode Fiber Optical Attenuators: Fiber Connector



FA05T-APC

NEW  
products

These terminators allow one to attenuate an optical signal easily by plugging an FC/APC-terminated fiber directly into the back end of the attenuator. The front of the attenuator is a male connector style and can be directly plugged into FC/APC receptacles or adapters. These single mode attenuators are made with polarization-insensitive doped fiber to achieve the specified attenuation.

## Specifications

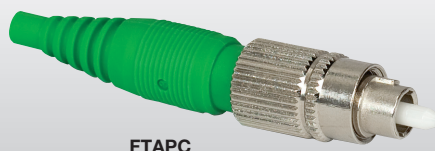
- **Operating Wavelength:** 1240 - 1620 nm
- **Return Loss:** >60 dB (FC/APC)
- **Maximum Power Capability:** 1 W
- **Polarization-Dependent Loss (PDL):** ≤0.1 dB (FC/APC)
- **Operating Temperature:** -40 to 85 °C
- **Key Size:** Universal (Wide-Key Input, Narrow-Key Output)

## FC/APC Fiber Connector Optical Attenuators

ITEM #	\$	£	€	RMB	DESCRIPTION
FA05T-APC	\$ 24.00	£ 17.28	€ 20,88	¥ 191.28	Fixed Optical Attenuator, 5 ± 0.5 dB, FC/APC Connector
FA10T-APC	\$ 24.00	£ 17.28	€ 20,88	¥ 191.28	Fixed Optical Attenuator, 10 ± 1.0 dB, FC/APC Connector
FA15T-APC	\$ 24.00	£ 17.28	€ 20,88	¥ 191.28	Fixed Optical Attenuator, 15 ± 1.0 dB, FC/APC Connector
FA25T-APC	\$ 24.00	£ 17.28	€ 20,88	¥ 191.28	Fixed Optical Attenuator, 25 ± 1.5 dB, FC/APC Connector

Have you seen our...

## Light Trap Connectors



FTAPC

- ◆ Reduce Back Reflection of Unused Feed Through Ports
- ◆ Back Reflection Better than -50 dB
- ◆ FC/PC, FC/APC, or SMA Connector
- ◆ 1260 - 1620 nm Wavelength Range

Thorlabs' Terminating Connectors are designed to be used with feed through ports that do not have an output fiber connected to them. Light coupled into them is diffused, rather than reflected back into the source. This reduces the back reflection by roughly 20 dB.

For more details, see page XXX