

OPTICAL ATTENUATORS



100% factory tested for optical performance

Fiber Connections' attenuators operate at both 1310nm and 1550nm wavelengths and contain doped optical fiber. These attenuators come with a fixed attenuation value that can be ordered in 1dB increments that can range from 1 to 30 db. Standard configurations are typically in stock and can ship quickly. Please contact customer service to discuss custom configurations or if you have any questions.

KEY FEATURES

- Fixed attenuation values from 1 to 30 dB
- 100% factory tested for optical performance
- Built with doped fiber (polarization insensitive)
- Easy to use form factor for quick installation
- Standard connector styles and wavelength configurations available
- Custom configurations available upon request

TYPICAL APPLICATIONS

- High powered telecommunication and CATV networks
- Data Communications
- Local area networks
- DWDM Systems
- EDFA Systems
- Intelligent transportation systems

TECHNICAL SPECIFICATIONS

Maximum Return Loss

- $\geq 50\text{dB}$ for UPC singlemode fiber
- $\geq 60\text{dB}$ for APC singlemode fiber

Attenuation Tolerances

- Attenuation levels 1dB to 9dB: +/- 0.5dB
- Attenuation levels 10dB to 30dB: +/- 1.0dB

ORDERING INFORMATION

Configurations	Part Number
SM LC/UPC	FCP1109-X
SM SC/UPC	FCP1120-X
SM FC/UPC	FCP3178-X
SM ST/UPC	FCP1429-X
SM SC/APC	FCP2778-X
OM1 LC MALE TO FEMALE	FCP6808-X
OM1 ST MALE TO FEMALE	FCP6133-X

Replace -X of part number with desired attenuation value.

EXAMPLE: FCP1109-5 = SM LC/UPC 5dB ATTENUATOR