



## Attenuators

Optokon offer a full range of attenuators for singlemode (SM) and multimode (MM) fibers.

The plug type attenuators are used directly on the ends of fiber-optic jumpers prior to installation in adapters. These attenuators provide a fixed precise level of attenuation and excellent return loss. Low wavelength dependence determines them for use in WDM and DWDM transmission systems. SM versions are available in PC and APC polish.

In line attenuators are offered as fixed and variable versions with all available kinds of connectors.

### Specifications:

Parameter		
Attenuation range	1, 2, 3, 5, 10, 15, 20, 30 dB	
Operational wavelength	1250 to 1650 nm	
Stability <sup>1)</sup>	Standard	Premium
attenuation range 1 - 2 dB	±0.5 dB	±0.5 dB
attenuation range 3 - 5 dB	±0.8 dB	±0.5 dB
attenuation range ≥10 dB	±10%	±0.5 dB
Return loss	Standard	Premium
UPC polishing	≥ 50 dB	≥ 55 dB
APC polishing	≥ 60 dB	≥ 65 dB
Power durability	250 mW	
Operating temperature	-40 to 80 °C	
Storage temperature	-40 to 80 °C	

1) -40 to +80°C over 10 cycles

Municom has various types and values in stock!! Call us!

### Features:

- precise attenuation
- low ripple (1250-1650nm)
- high power endurance
- SM and MM available

### Applications:

- all fiberoptic systems
- T&M

### Attenuators (MM/SM):

- male/female:  
SC, FC, ST, DIN, LC, MU
- female/female:  
FC/SC, SC/SC, FC/FC
- variable:  
as pigtail version with FC,ST,ST  
on variable side

