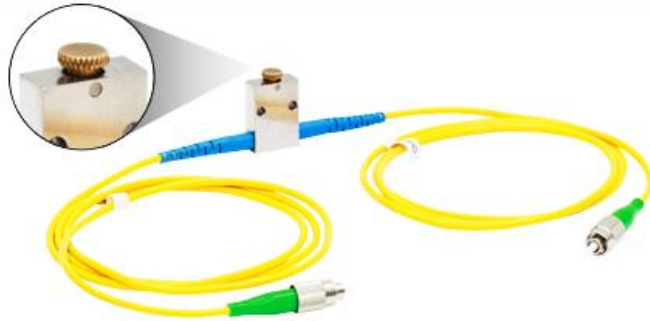


# Collimator Variable Optical Attenuator Datasheet

Use a lens to collimate light from the input.



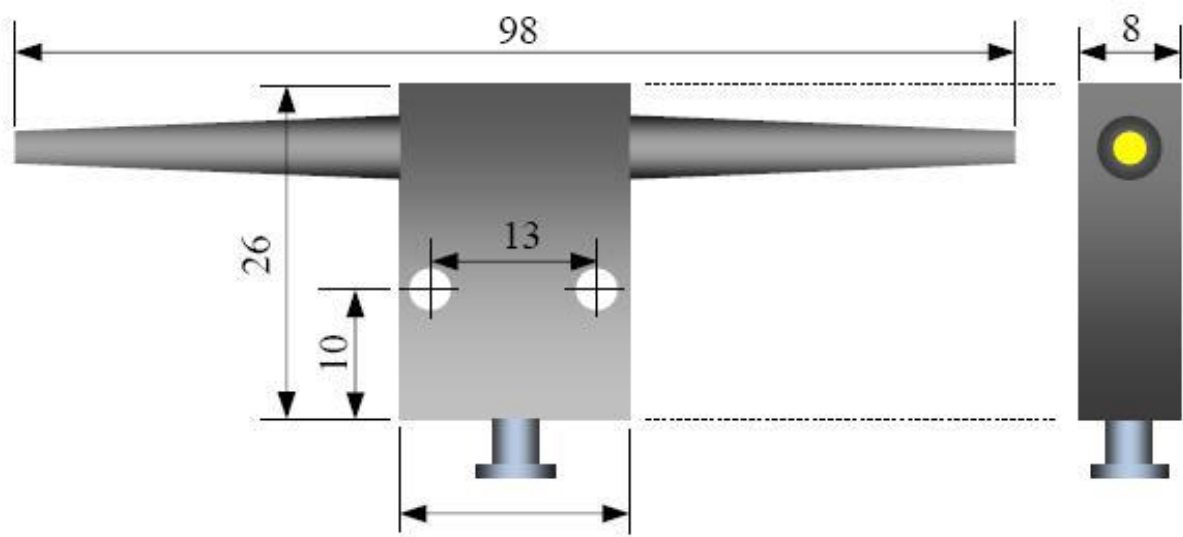
- **Description:**

OPTICO's single-mode variable optical attenuators allow the user to manually change the attenuation of the signal in the fiber as it travels through the device. These VOAs can be used to precisely balance signal strength in fiber optic circuits or to balance optical signals when evaluating the dynamic range of a measurement system. The maximum specified attenuation is achieved within 10 turns of the adjusting screw. See Decay Data Tab for more information.

- **Features:**

- Bi-Directional, In-Line Variable Fiber Optical Attenuators (VOA)
- Narrowband VOA Models for 630 nm, 780 nm, 850 nm, 980 nm, and 1064 nm Operating Wavelengths
- Dual-Band VOA Models for 1310 / 1550 nm
- Collimator-Based Manually Variable Attenuation
- 1 m Long Single Mode Fiber Pigtail on Each Side

- **Drawing view (Unit: mm):**



• Specification:

Items	1060nm	1310 or 1550nm	Dual window
Wavelength (nm)	1060±40	1550±40	1310±40&1550±40
Attenuation range(dB)	1~60	0.6~60	0.8~60
Original loss(dB)	≤1.0	≤0.6	≤0.8
Precision(dB)	0.02		
Return loss(dB)	≥50		
Operating Temperature(°C)	0~+70		
Storage Temperature(°C)	-40~+85		

• Ordering information:

1=C	2=Wavelength	3=Fiber type	4=Pigtail type	5=Connector
Collimator	1060nm	SMF-28e	250um	FC/UPC
	1550nm	HI1060	900mm	FC/APC
	1310&1550nm	Others	3.0mm	Custom
	Custom		Others	