

Collimator Variable Optical Attenuator

Features:

Wide attenuation range
High precision
Low original loss
Compact size

Applications:

Optical communication systems
Testing instruments
Optics laboratory
Fiber sensors



Performance Specification

CVOA Series	1310 or 1550	1300~1610	850、1300	1053、1064...	Unit
Bandwith	± 40		± 40	± 15	nm
Attenuation range	0.6 ~ 60	1.0 ~ 40	0.8 ~ 60	0.6 ~ 60	dB
Original loss	≤ 0.6	≤ 1.0	≤ 0.6	≤ 1.0	dB
Return loss	≥ 50	≥ 40	≥ 30	≥ 30	dB
Fiber	SM28 Fiber		50 (62.5) /125	Special SM fiber	
Precision	0.02				dB
PDL	≤ 0.10				dB
Operating temperature	$-40 \sim +70$				$^{\circ}\text{C}$
Storage temperature	$-40 \sim +85$				$^{\circ}\text{C}$

* Note:

- 1) The maximum IL is under all states of polarization and within the full operating temperature And wavelength ranges specified
- 2) All the parameters are excluding connectors

Ordering Information: VOA-C-①①①-②-③-④

①①Wavelength

131=1310nm
155=1550nm
135=1310/1550nm
105=1053nm
106=1064
830=830nm
780=780nm
660=660nm
.....

②Fiber type

1=900um loose tube
2=2.0mm cable
3=3.0mm cable

③Fiber length

1=1m
S=custom spec

④Connector

0=None
1=FC/APC
2=FC/PC
3=SC/APC
4=SC/PC
5=ST
6=LC
S=custom spec

*The tolerance of fiber length is +/-0.1m. 1 meter is standard. The lead-time for special Fiber length will be longer