

Dual Channel Mechanical Variable Optical Attenuator (Dual VOA)

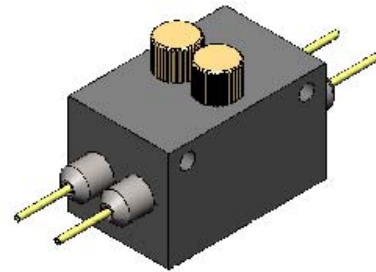
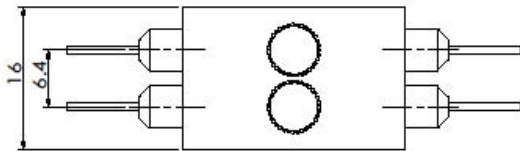
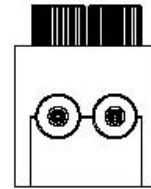
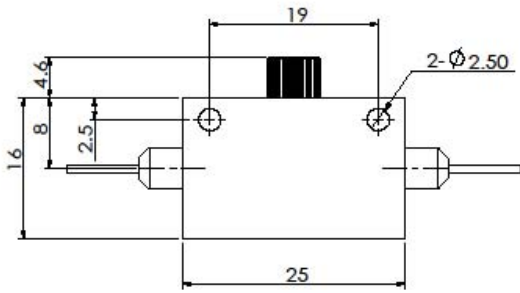
This document proposes the specification of Dual Channel Mechanical Variable Optical Attenuator.

Specifications

(All parameters are referenced without connectors. Typical connector loss 0.25 dB/pair)

Parameters		Specification		Unit
		C/L Band	Full Channel	
Operating Wavelength		1525 ~ 1610	1260-1610	nm
Maximum Attenuation		60		dB
Maximum Insertion Loss(@23±3 °C)		≤0.6	≤1.0	dB
Optical Return Loss		≥60		dB
Polarization Dependent Loss	Attenuation <20dB	≤0.1		dB
	Attenuation ≥20dB	≤ 0.2		dB
Temperature Dependent Loss(0~ +70 °C) (For Attenuation <20dB)		≤0.4	≤0.6	dB
Wavelength Dependent Loss		≤ 0.3	≤ 0.5	dB
Monotonic		≥ -0.3		dB
Attenuation Accuracy		≤ 0.5		dB
Maximum Power Handling		500		mW
Operating Temperature		0 to 70		°C
Storage Temperature		-40 to 85		°C
Package Dimension		25 (L) x 16 (W) x 16 (H)		mm

Mechanical Dimensions (mm)



P/N Scheme: Dual VOA

D	V	A	A					1		N			
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Grade

A=Grade A

Wavelength/Band

1310=1310 nm
 1550=1550 nm
 1315=1310 nm & 1550nm

Fiber Type

1= SMF-28e

Fiber Jacket

A=250 μm bare fiber
 B=900 μm loose tube
 C=3 mm jacket
 E=900 μm tight buffer

Package Type

N= Module

Fiber Length

10=1.0 m
 15=1.5 m
 30=3.0 m
 mn=m.n meters

Connectors

0=none	A=FC/PC
2=FC/UPC	B=SC/SPC
3=FC/APC	C=SC/PC
4=SC/UPC	D=ST/SPC
5=SC/APC	E=ST/PC
6=ST/UPC	F=LC/SPC
7=LC/UPC	G=LC/PC
9=FC/SPC	H=MU/UPC
	I=MU/PC
	J=LC/APC