

Mini Type Manual Variable Attenuator (MVOA Series)

Spec Review No.: SR5167 Date: Apr 14, 2010

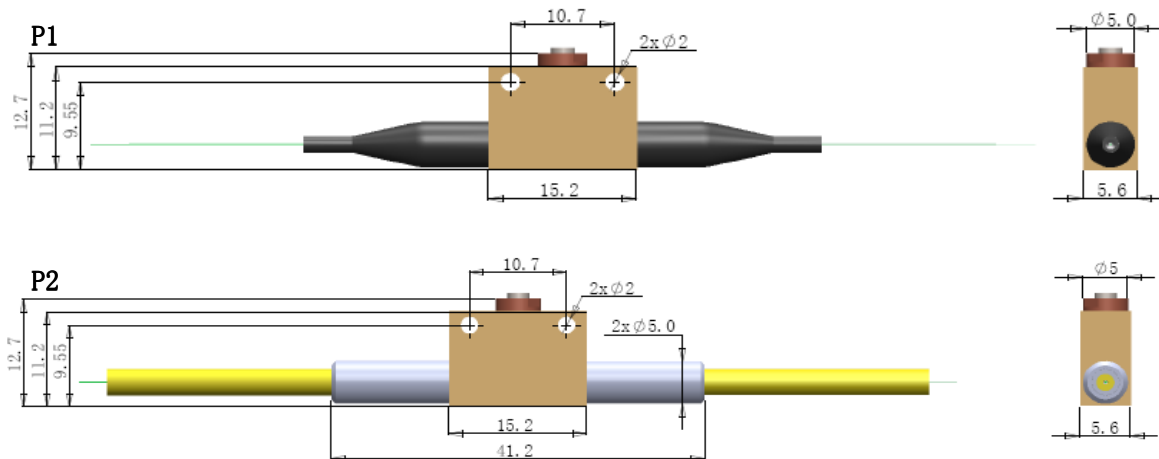
Mini Type Manual variable Attenuator (MVOA) operates by manually moving a shading element into optical beam. The shading element can be integrating adjusted to get any attenuation value in a range. MVOA features low insertion loss, good resolution, high stability and good reliability. It applies for pre-emphasis attenuation, transmitter power control, in-line power equalization, and amplifier power control, etc.

Specifications

Parameter	Unit	Value
Operating Wavelength Range	nm	1030 ± 10
Max. Insertion Loss	dB	0.7
Min. Return Loss	dB	50
Attenuation Range	dB	0.7 ~ 30
Max. Resolution	dB	0.2
Max. PDL, 23 °C, minimum attenuation	dB	0.05
Typ. TDL at attenuation range	dB/°C	0.05
Max. TDL at attenuation range	dB/°C	0.08
Max. WDL, 23°C, minimum attenuation	dB	0.2
Max. Optical Power (Continuous Wave)	mW	300
Operating Temperature	°C	0 to 70
Storage Temperature	°C	-40 to + 85

*IL is 0.3 dB higher, RL is 5 dB lower for each connector added.

Package Dimensions



* Note: Package type one (P1) is designed for 250um or 900um fiber jacket and Package type two (P2) is designed for 2mm or 3mm fiber jacket.

Ordering Information

MVOA-①-②-③-④-⑤

①: Wavelength 03 - 1030 nm	②: Fiber Type H - HI 1060 fiber	③: Connector Type 1 - FC/UPC 2 - FC/APC 3 - SC/UPC 4 - SC/APC N - None	④: Fiber Jacket B - 250um bare fiber L - 900um loose tube C - 3mm cable	⑤: Fiber Length 1 - 1.0 m S - Specify
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