

Variable Optical Attenuator L-band : YS-5010-159



Features

- Compact size (Cylindrical)
- Non-Mechanical (Using Magneto-optics technology)
- High reliability
- Fast response
- Current control

Specification

Items	Min.	Max.	Conditions
Driving current (I)		70 mA	
Minimum attenuation		1.5 dB	T0, 1570-1610nm, I
Maximum attenuation	30 dB		T0, 1570-1610nm, I
Polarization dependent loss		0.5 dB	T0, 1570-1610nm, Under 20dB attenuation
Wavelength dependent loss		0.8 dB	T0, 1570-1610nm, Under 15dB attenuation
Polarization mode dispersion		0.05 ps	T0, 1570-1610nm
Return loss	42 dB		T0, 1570-1610nm
Response speed		1 msec	
Max. incident power		500 mW	1590nm
Fiber type/ Length	Corning SMF28 CPC6 / 2.0m min.		
Connector type	none		

Operating temp. range [T0]	-5°C~+70°C
Storage temp. range [Ts]	-40°C~+85°C

Shapes and dimensions

