

# 1 $\mu\text{m}$ -Band Optical Filter Module (High Power Durable Type)



## < Preliminary Specifications >

(1) Center Wavelength	※will be set in accordance with request.
(2) Insertion Loss	≤1.0dB (subject to change depending on the optical filter mounted, including connector's loss)
(3) Passband Width	※will be set in accordance with request.
(4) Rejection Band	※will be set in accordance with request.
(5) Extinction Ratio	≥20dB
(6) Return Loss	≥50dB (Design Assurance *1)
(7) Max. Permissible Input Power	5W
(8) Optical Fiber	Polarization Maintaining Fiber PMF ( $\phi$ 250 $\mu\text{m}$ )
(9) Optical Fiber Length	0.8±0.1m (terminated by connector on both ends)
(10) Storage Condition	-10~+55°C, ≤85%RH (without condensation)

\*1 : ≥50dB for collimator, optical filter inside is obliquely (around 2° ) assembled.

## < Dimensions >

