

# Amplified Spontaneous Emission Filter

## Features

- Low Insertion Loss
- Good Isolation
- High Power Handling Capability

## Applications

- EDFAs
- DMWDM Systems

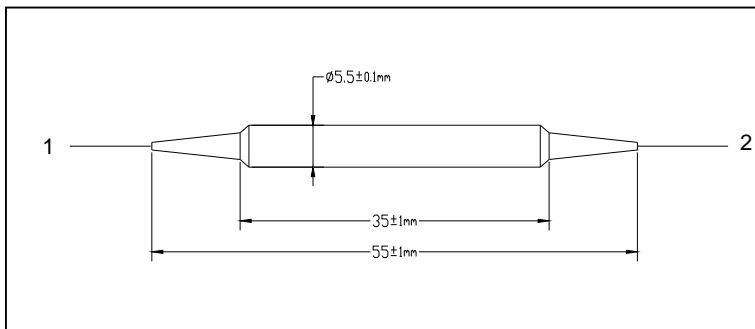
## Specifications

Parameters		Unit	Values
Pass Band	Wavelength Range	nm	1544 - 1565
	Max. Insertion Loss	dB	0.6
	Typ. Insertion Loss	dB	0.4
Rejection Band	Wavelength Range	nm	1510 - 1538
	Min. Isolation	dB	16
Min. Return Loss		dB	50
Max. PDL		dB	0.05
Typ. PDL		dB	0.02
Thermal Stability		dB/°C	≤0.005
Max. Optical Power (CW)		mW	500
Max. Tensile Load		N	5
Fiber Type			SMF-28e Fiber
Operating Temperature			-5 to +70
Storage Temperature			-40 to +85

\*Above specifications are for device without connector.

\*For devices with connectors, IL will be 0.3dB higher and RL will be 5dB lower.

## Package Dimensions



## Ordering Information

**ASEF-①①①①-②②-③③-④**

①①①①: Wavelength

- 4438 - 1544-1565nm Pass / 1510-1538nm Reflect
- SSSS - Specify

③③: Fiber Jacket on Port 1 & 2

- B - 250um Bare Fiber
- L - 900um Loose Tube
- C - 3mm Loose Cable
- S - Specify

②②: Connector Type on Port 1 & 2

- 1 - FC/UPC
- 2 - FC/APC
- 3 - SC/UPC
- 4 - SC/APC
- N - None
- S - Specify

④: Fiber Length

- 1 - 1.0m
- S - Specify