

# Amplified Spontaneous Emission Filter



## Features

Low Insertion Loss  
 Good Isolation  
 High Power Handling Capability

## Applications

EDFAs  
 DMWDM Systems

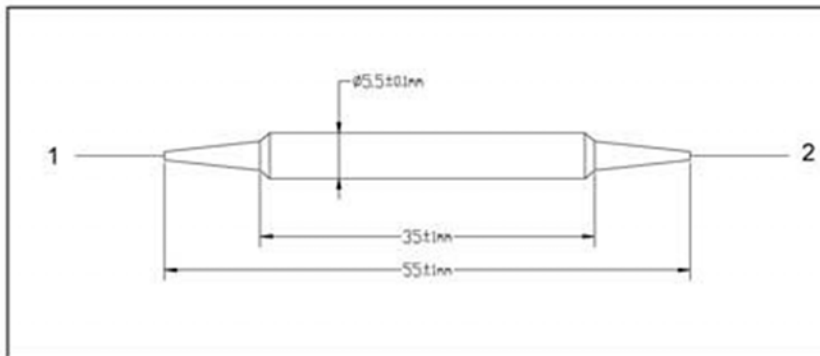
## Specifications

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		°C	-5 to +70
Storage Temperature		°C	-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

②②: Connector Type on Port 1 & 2

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

S - Specify

③③: Fiber Jacket on Port 1 & 2

B - 250um Bare Fiber

L - 900um Loose Tube

C - 3mm Loose Cable

S - Specify

④: Fiber Length

1 - 1.0m

S - Specify