



## Amplified Spontaneous Emission Filter (ASEF Series)

Rev 11

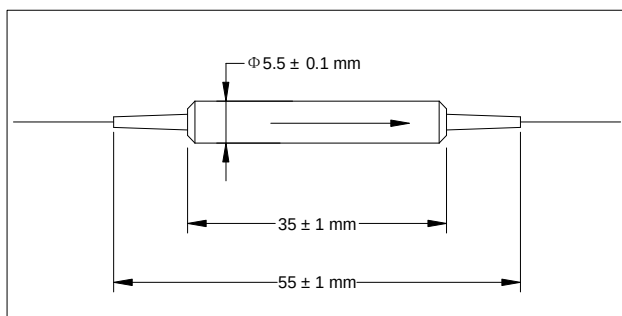
The Amplified Spontaneous Emission Filter series is designed to pass the specified wavelength range and block the unwanted amplified spontaneous emission noise in EDFAs and laser systems. It is a micro optics device based on environmentally stable thin film filter technology. The components are characterized with low insertion loss at pass channel, good isolation for blocking wavelengths and high power handling capability.

### Specifications

| Parameter                            | Unit                | Value |
|--------------------------------------|---------------------|-------|
| Pass Band                            | Wavelength Range    | nm    |
|                                      | Max. Insertion Loss | dB    |
|                                      | Typ. Insertion Loss | dB    |
| Reflection Band                      | Wavelength Range    | nm    |
|                                      | Min. Isolation      | dB    |
|                                      | Min. Return Loss    | dB    |
| Max. Polarization Dependent Loss     | dB                  |       |
| Thermal Stability                    | dB/°C               |       |
| Max. Optical Power (Continuous Wave) | mW                  |       |
| Max. Tensile Load                    | N                   |       |
| Fiber Type                           |                     |       |
| Operating Temperature                | °C                  |       |
| Storage Temperature                  | °C                  |       |

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

### Package Dimensions



### Ordering Information

ASEF-①①①①-②-③-④

①①①①: Wavelength

1544 - 1544 nm

SSSS - Specify

②: Connector Type

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

S - Specify

③: Fiber Jacket

B - 250 μm bare fiber

L - 900 μm loose tube

S - Specify

④: Fiber Length

1 - 1.0 m

S - Specify