

PRODUCT INFORMATION SHEET

Amplified Spontaneous Emission Filter (ASEF Series)

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

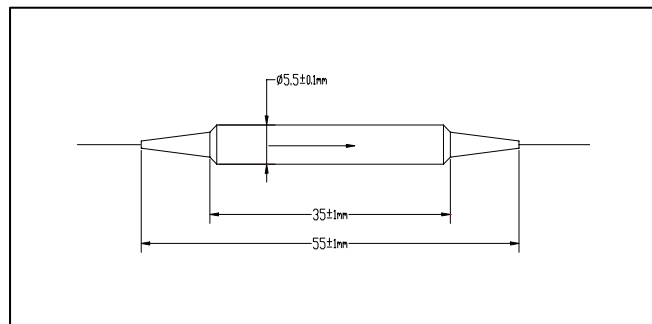
➤ Specifications

Parameters		Unit	Values
Pass Band	Wavelength Range	nm	1544 - 1565
	Max. Insertion Loss	dB	0.6
	Typ. Insertion Loss	dB	0.4
Reflection Band	Wavelength Range	nm	1510 - 1538
	Min. Isolation	dB	16
Min. Return Loss		dB	50
Max. PDL		dB	0.05
Typ. PDL		dB	0.01
Thermal Stability		dB/°C	≤0.005
Max. Optical Power		mW	300
Max. Tensile Load		N	5
Fiber Type			SMF-28 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, RL will be 5dB lower..

➤ .Package Dimensions



➤ Ordering Information

ASEF-①-②-③-④

① Wavelength
1544 -1565 nm
S - Specify

② Connector Type
1 - FC/UPC 5 - LC/UPC
2 - FC/APC 6 - ST/UPC
3 - SC/UPC N - None
4 - SC/APC S - Specify

③ Fiber Typ
B - 250um bare fiber
L - 900um loose tube
S - Specify

④ Fiber Length
1 - 1.0 m
S - Specify