

Amplified Spontaneous Emission Filter (DL-ASEF-WWWW-X-Y-Z)

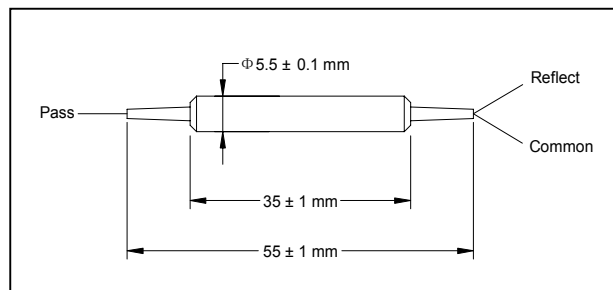
The Amplified Spontaneous Emission Filter series is designed to pass the specified wavelength range and block the unwanted amplified spontaneous emission noise in EDFAs and laser systems. It is based on environmentally stable thin film filter technology. It provides low insertion loss at pass channel,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

A. Specifications

Parameter	Value	Unit
Pass Band	Wavelength Range	1544 - 1565
	Max. Insertion Loss	0.6
Reflection Band	Wavelength Range	1510 - 1538
	Min. Isolation	16
Min. Return Loss	50	dB
Max. Polarization Dependent Loss	0.05	dB
Thermal Stability	0.005	dB/°C
Max. Optical Power (Continuous Wave)	300	mW
Operating Temperature	-5 to +70	°C
Storage Temperature	-40 to +85	°C

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

B. Package Dimensions



C. Ordering Information

DL-ASEF-WWWW-X-Y-Z

WWWW: Wavelength	X: Connector Type	Y: Fiber Type (SMF-28)	Z: Fiber Length
1544 - 1544 nm	1 - FC/UPC	B - 250 μm bare fiber	1 - 1.0 m
SSSS - Specify	2 - FC/APC	L - 900 μm loose tube	S - Specify
	3 - SC/UPC	S - Specify	
	4 - SC/APC		
	N - None		
	S - Specify		