

## Polarization Maintaining Amplified Spontaneous Emission Filter

Model #: PMASEF

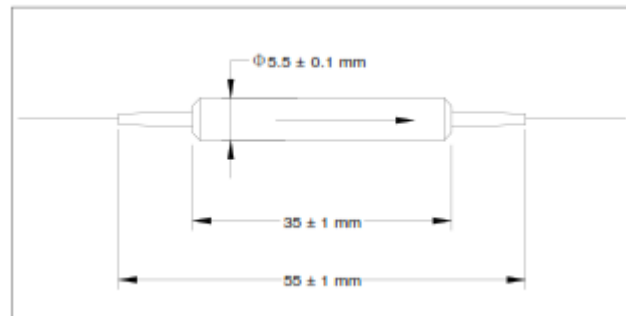
Description: Polarization Maintaining Amplified Spontaneous Emission Filter

Application: Fiber amplifier, fiber laser

Specifications:

Parameter	Unit	Specifications
Pass Band	nm	1544 - 1565
Max. Insertion Loss	dB	0.6
Typ. Insertion Loss	dB	0.4
Reflection Band	nm	1510 - 1538
Min. Isolation	dB	16
Min. Polarization Extinction Ratio	dB	22
Min. Return Loss	dB	50
Thermal Stability	dB/°C	0.005
Max. Optical Power (CW)	mW	300
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to + 85
Dimension	mm	5.5 (D) x 35 (L)
Fiber Type		Fujikura 1550 nm Panda PM fiber

Note: each connector may contribute extra 0.3 dB IL, 5 dB lower RL and 2 dB lower PER.



### Ordering Information:

**ASEF-AAAA-B-C-D**

AAAA: wavelength	B: connector type	C: fiber jacket	D: fiber length
1544 – 1544 nm	1 - FC/UPC	B - 250 $\mu$ m bare fiber	1 – 1.0 m
XXXX - other	2 - FC/APC	L - 900 $\mu$ m loss tube	X - other
	3 - SC/UPC	X - other	
	4 - SC/APC		
	N - none		
	X - other		