

C+L-band Wavelength Tunable Optical Filter with Fast Settling Time

EVF-100CL

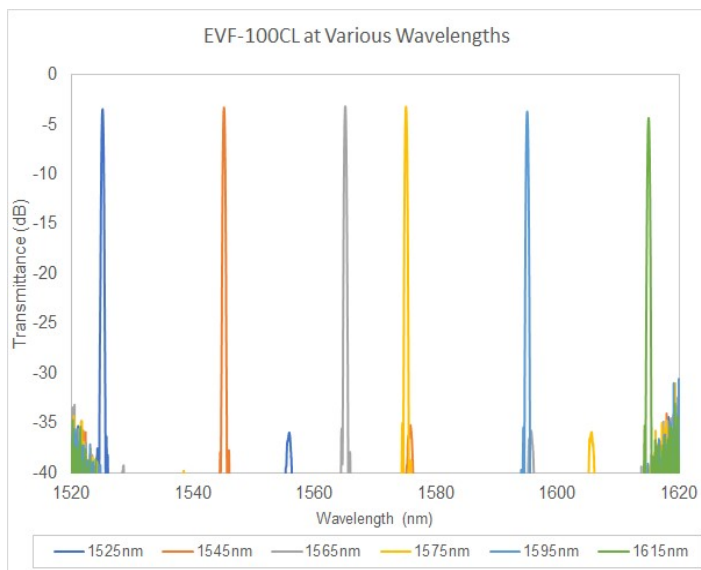
- C+L band coverage 1525~1615nm
- Fast Tuning Time of 10ms
- Built-in Optical Power Monitor



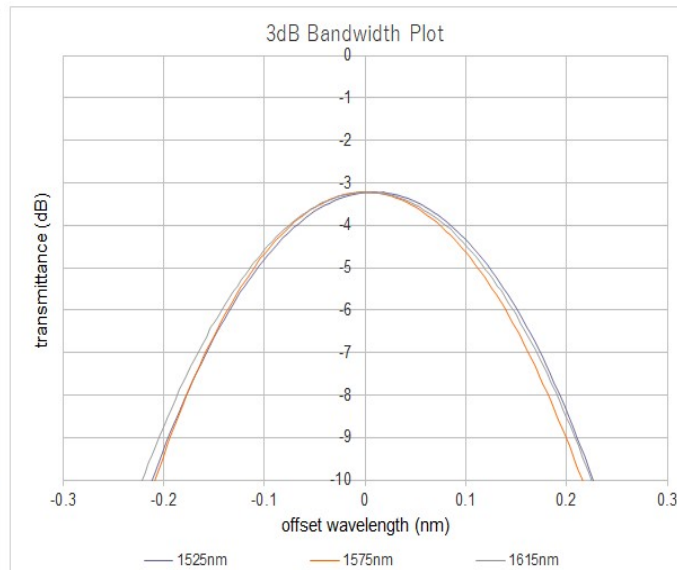
Specifications

Category	Parameter	Specification			
		Min.	Typ.	Max.	Unit
Wavelength Characteristics	Center Wavelength Tunability	1525		1615	nm
	Wavelength Accuracy		< +/-0.02		nm
	Wavelength Repeatability		< +/-0.01		nm
	3dB Bandwidth (Type 03)		0.30		nm
	(Type 05)		0.50		nm
Other Optical Characteristics	Insertion Loss ⁽¹⁾		3.0	4.2	pm
	Tuning Time		10	50	ms
	Temperature Stability		1	2	pm/°C
	Return Loss	35	40		dB
	Out-of-Band Suppression	25	30		dB
	Polarization Dependent Loss (PDL)		0.3		dB
	Polarization Mode Dispersion (PMD)		0.3		ps
	Maximum Input Power		80	100	mW
	Optical Fiber	SMF-28e Only			
	Output Connector	FC/SPC, FC/APC, SC/SPC, SC/APC			
Functionality	Advanced Features	Peak Search, Built-in Power Meter			
	Power Meter Relative Accuracy		+/- 0.2		dB
Electrical Characteristics	PC Interface	USB (Default), GPIB & Ethernet (Optional)			
	Power Supply		AC 100~240 (50/60Hz)		Vac
Operating Condition	Operating Temperature		15 ~ 35		°C
	Operating Humidity		< 80 RH, Non-condensing		
Physical	Dimension (W x H x D)		236 x 88 x 380		mm
	Weight		5		kg

Note (1); Excluding connector loss.



Spectra at Various Wavelength Positions



Bandwidth Spectra Comparison at 1525nm, 1575nm & 1615nm

Ordering Information

EVF-100CL-03-SM-XX
EVF-100CL-05-SM-XX

XX= FS, FA, SS, SA