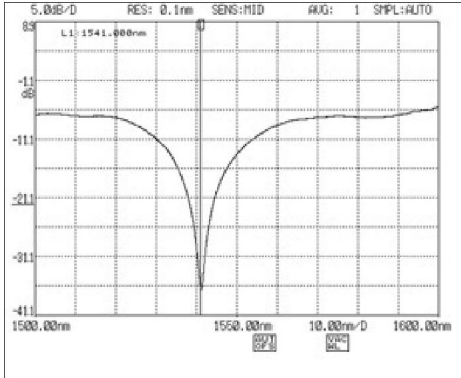


Long Period Grating

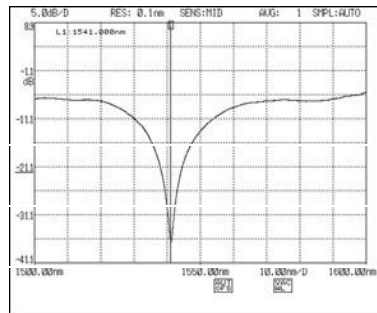


- Features:**
- No reflection type
 - Low insertion loss
- Applications:**
- band pass filter
 - GFF for EDFA
 - The biochemical sensor

OELAbs according to different needs of customers, offering different long-period grating.

long period fiber grating (LPFG) is generated on the optical axis to form a periodic refractive index modulation, which cycle is generally large 100µm. Its coupling mechanism is: forward transmission mode is coupled into the core group of several specific wavelengths for onward transmission cladding mode, the cladding modes rapidly lost, so that substantially no retroreflective LPFG in its transmission there are a few specific spectral absorption peak wavelengths.

Spectra



Specifications

Parameters	Unit	Values	Remark
Center Wavelength	nm	C+L	
Insertion Loss	dB	>8.5	+/-5nm @center wavelength
FMHM	nm	>15	
Fiber Termination	--	Bare Fiber, FC/UPC Or FC/APC	Customized
Fiber Type		SMF-28 Or Compatible	