

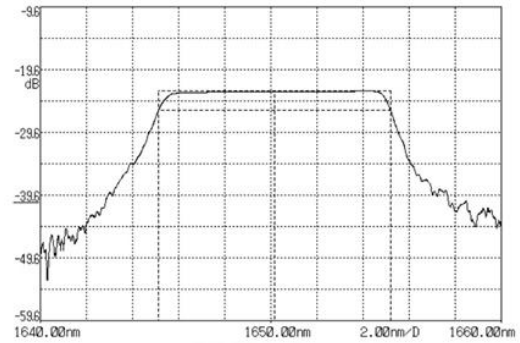
Chirped Fiber Bragg Grating

Product Features

Chirped gratings are structures where the optical period of the index modulation varies along the grating length. we manufactures the chirped grating by using chirped phase mask. By modifying the intensity of grating depth for reaching any predefined gain compensation profile that creates the gain flat filter. With ultra wide bandwidth that also create wide band filter as well as serving the distributed sensing.

Product Applications

- Gain Flattening Filter
- Dispersion compensation
- FTTH
- CWDM system



Reflective Spectrum For FBG

Specifications

Parameter	Unit	Value
Center Wavelength	nm	C band 1550nm & 1650nm
Reflectivity	%	10-99
FWHM	nm	10 (typical)
Insertion Loss	dB	<0.5
Fiber Termination	-	Bare Fiber, FC/UPC Or FC/APC
Fiber Type		SMF-28 Or Compatible