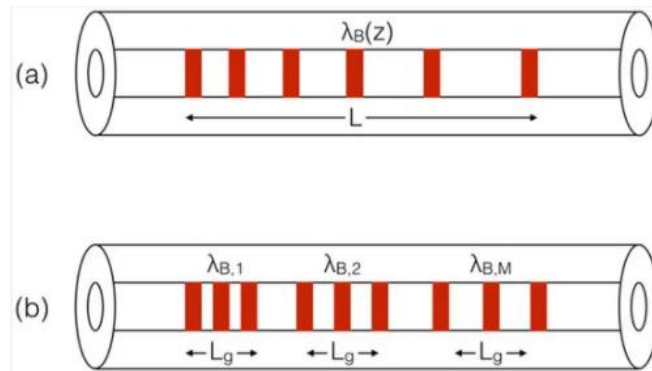


## 1550nm chirped fiber grating CFBG



### ● Product Description

Chirped fiber grating is a special grating whose grating period changes along the longitudinal direction of the optical fiber. We use a phase mask to write chirped gratings. By adjusting the reflection intensity of the chirped grating, it can be used as a gain flattening filter. At the same time, its ultra-wide reflection bandwidth can be used to serve distributed systems.

### ● Product features

Large bandwidth、 low insertion loss 、 high reflectivity

### ● Part Number

MP-CFBG-1550-10-99-SA

## ● Application area

Gain flattening filter、 Dispersion compensation、 Fiber to the home、  
 Coarse wavelength division multiplexing system

## ● Core parameters

Center Wavelength	Reflectivity	Bandwidth
1550nm	10-99%	10nm

## ● General Parameters

Product parameters:

Parameters	Unit	Value
Central wavelength	nm	1550nm & 1650nm
Reflectivity	%	10~99
Bandwidth	nm	10 (typical)
Insertion loss	dB	<0.5
Fiber termination	-	Bare Fiber, FC/UPC Or FC/APC
Fiber type		SMF-28 Or Compatible