



ClearCut™ Pulse Strecher for Ultrafast Lasers (PSCG Series)

The ClearCut™ pulse stretchers are chirped fiber bragg gratings for ultrafast fiber lasers. With AFR's ClearCut™ designing and special process, the devices could provide large dispersion for pulse stretching and performance with outstanding reliability. Custom configurations available.

Key Features

- Large Dispersion for Pulse Stretching
- Ultra Low Temperature Slope
- Outstanding Reliability

Applications

- Ultrafast Fiber Laser
- Pulse Strecher

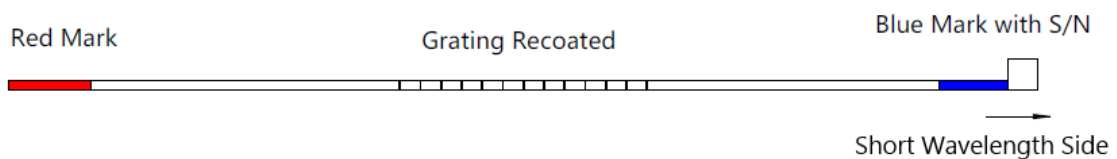
Specifications

Parameter	Unit	Value
Center Wavelength	nm	1030
Tolerance on Center Wavelength	nm	0.5
Peak Reflectivity	%	> 60
Reflection Bandwidth (FWHM)	nm	1-10
Tolerance on Reflection Bandwidth	nm	0.1-1.0
D ₂ Parameter ¹	ps/nm	112.1
Fiber Type ¹		PM980
Package Dimensions ²	mm	Recoated or Packaged
Storage Temperature	°C	-40 to +85

1. The dispersion parameter and fiber type could be customized

2. The grating could be recoated or packaged

Package Dimensions



Ordering Information

PSCG-①①①①-②②.②-③

①①①①: Center Wavelength

1030 - 1030 nm

SSSS - Specify

②②.②: Reflection Bandwidth

08.0 - 8.0 nm

SS.S - Specify

③: Pigtails Length (on Each Side)

Q - 0.75 m

1 - 1 m

S - Specify

*ClearCut is a product trade mark of AFR representing an unique technology used in its FBG products.