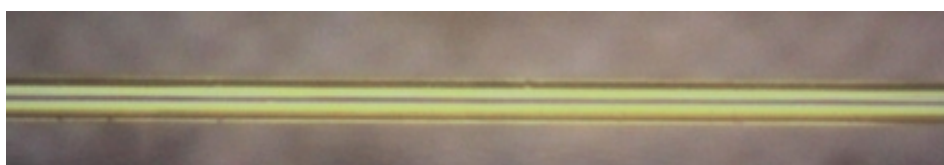


High Temperature FBG

Description

High temperature FBG can be used in very high temperature and harsh environment. Idealphotonics offers customized high temperature FBG for different applications.



Feature

High stable wavelength
High stable reflectivity

Specifications

parameters	Unit	Values
Center wavelength	nm	1510 ~ 1590
FBG profile		Apodized or Uniform
Wavelength tolerance	nm	+/-0.5
Standard FBG Length	mm	10
Reflectivity	--	> 60%
-3dB Bandwidth	nm	≤0.3
SLSR	dB	>15

Recoat		Polyimide
Fiber Type	--	Polyimide coated SMF-28 fiber
Fiber Terminator	--	Bare Fibe
Fiber Length	--	1 meter (Typical)
Operating Temp.	°C	-40 ~ 300

Ordering infomation :

HTFBG-①-②-③-④-⑤

①: Reflectivity.

②: Wavelength.

③: Bandwidth.

④: Maximum temperature.

⑤: Connectortype : A/B/C/D S: Specify 0:None