

Fiber Bragg Grating (FBG) - Sensor (1510-1590nm)

Specifications

Contact Hengyan Photonics with your custom specification needs.

Parameter		Unit	Value
Wavelength		nm	1510-1590
Wavelength deviation		nm	±0.5
Reflectivity		%	1-99
3dB bandwidth	Max	nm	0.5
Anti-pull strength		Min	kpsi
Side mode suppression ratio	Apodized	Min	dB
	Uniform	Min	dB
FBG length		mm	2-20
Fiber type		-	SMF-28 or polyimide fiber
Fiber length		-	Customizable

Ordering Information

Contact Hengyan Photonics with your custom configuration needs.

FBG-S	Wavelength	Bandwidth (3dB)	Profile	Grating (G or R)	Coating	Fiber Type	Fiber Length	Connector
FBG-S	1510=1510nm	002=0.2nm X=Others	A=Apodized U=Uniform X=Others	Length	A=Acrylate	B=SMF-28 250um L=SMF-28 900um X=Others	10=1.0m 15=1.5m 20=2.0m 30=3.0m X=Other	NE= None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC ST=ST/PC LA=LC/APC LC=LC/PC X=Others
	1530=1530nm			G2=2mm	N=Uncoated			
	1550=1550nm			G3=3mm	G=Glass			
	1570=1570nm			GX=Xmm	X=Others			
	X=Others			Reflectivity				
				R25=25% R75=75% RX=X%				

Sample Curve

FBG-S-1552.5-002-A-G10-R75-A-B-10-NE

