

Fiber Bragg Grating (FBG) - Array (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
FBG length		mm	2-20
3dB bandwidth	Max	nm	0.5
Anti-pull strength	Min	kpsi	100
Side mode suppression ratio	Apodization	Min	dB
	Uniform	Min	dB
Fiber type		-	SMF-28 or polyimide fiber
Number of Gratings		-	2+

Ordering Information

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FBG-A	Array Count (#)	Starting Wavelength	Wavelength Increment	Spacing Between Gratings	Bandwidth (3dB)	Profile	Grating (G or R)	ReCoating Type	Fiber Type	Fiber Length Beyond Gratings	Connectors
FBG-A	5=5 10=10 X= Others	1510=1510nm 1530=1530nm 1550=1550nm 1570=1570nm X=Others	02=0.2nm 50=5.0nm 100=10.0nm X=Others	001=0.01m 010=0.10m 100=1.00m X=Others	002=0.2nm 003=0.3nm X=Others	A=Apodized U=Uniform X=Others		A=Acrylate N=Uncoated G=Glass X=Others	B=SMF-28 250um L=SMF-28 900um X=Others	10=1.0m 15=1.5m 20=2.0m 30=3.0m X=Others	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
							Length				
							G2=2mm G3=3mm GX=Xmm				
							Reflectivity				
							R25=25% R75=75% RX=X%				

Sample Curve

FBG-A-2-1544.5-75-010-005-A-R70-A-B-10-NE

