

Fiber Bragg Gratings

FBG- FT - WL - BW - R - CO - FT - FL - LI - C - LO - C

FBG type		FT	Wavelength		WL	Bandwidth		BW	Reflectivity		R	Coating		CO
Single FBG		S	850 nm		8xx	100pm		0,1	0,1		10	Acrylate		AC
FBGs chain		C	980 nm		9xx	200pm		0,2	0,3		30	Polyimide		PI
			1300 nm		15xx	300pm		0,3	0,5		50			
			1400 nm		14xx	...		...	0,75		75			
			1550 nm		15xx				0,9		90			
											

Fiber type		FT	Lead in/out		LI/LO	Total fiber length		FL	FBGs Qty		BW	Connector		C
SM750		SM750	0,5 m		0,5	1 m		1	2		2	FC/APC		FA
HI980		HI980	1 m		1	2 m		2	3		3	SC/APC		SA
SMF28		SMF28	2 m		2	10 m		10	10		10	No connector		NC
SM1250BI		SMBI	...		...	...		...	...		...	...		...
			@ single FBG only			@ FBGs chain only			@ FBGs chain only					

* Detailed specification of FBG chains are specified separately.

Example

FBG-S-1545-0,3-30-PI-SMBI-1-FA-0,5-NC

Single FBG, 1545nm, 0,3nm bandwidth, 30%+ reflectivity, polyimide coated fiber, SM bend insensitive fiber, 1m lead in fiber terminated by FC/APC connector, 0,5m lead out fiber without connector.



FBG-C-15xx-0,3-30-PI-SMBI-10-5-FA-NC

length, one end terminated by FC/APC connector, second fiber end without connector. Detailed specification of each individual FBG and its position are specified in separate document.