

FIBER BRAGG GRATING (FBG) - LONG PERIOD (1510~1590nm)

Specifications

Contact Ascentta with your custom specification needs.

| Parameter | Unit | Value |
|--------------------------|--------|---------------------------|
| Wavelength | nm | 1510~1590 |
| Wavelength repeatability | nm | ± 5 |
| Transmission depth | dB | 1~30 |
| Insertion Loss | Max dB | 0.5 |
| 3dB Bandwidth | nm | 0.5~10 |
| FBG length | mm | 20~30 |
| Coating | - | Acrylate |
| Fiber Type | - | SMF-28 or Polyimide Fiber |
| Fiber length | m | 1.5/1.5 |

Ordering Information

Contact Ascentta with your custom configuration needs.

| FBG-L | Wavelength | Bandwidth (3dB) | Grating Period | Grating Length | Coating | Fiber Type | Fiber Length | Fiber Length | Connector | Connector | |
|-------|-------------|-----------------|----------------------|----------------|---|------------|--------------|--------------|---|---|---------|
| FBG-L | 1510=1510nm | 002=0.2nm | Grating Period in um | G2=2mm | A=Acrylate N=Uncoated G=Glass X=Others | B=SMF-28 | 10=1.0m | 10=1.0m | 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 | 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 | 020=2.0nm | | G3=3mm | | 250um | 15=1.5m | 15=1.5m | | | |
| | 1550=1550nm | 200=20nm | | GX=Xmm | | L=SMF-28 | 900um | 20=2.0m | | | 20=2.0m |
| | 1570=1570nm | X=Others | | | | | | X=Others | | | X=Other |
| | | | | | | | | | | | |

Typical Curve:

