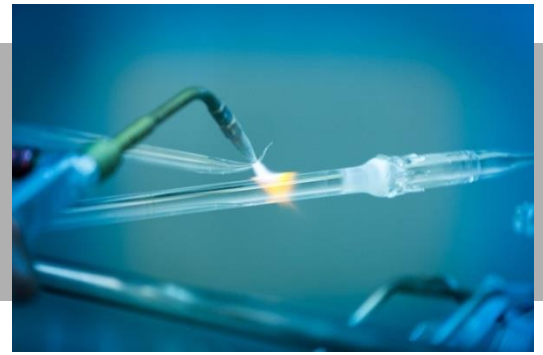
Photosensitive
Fibers



- **Specifications**

Main Specifications	IXF-PHO-CMF	IXF-PHO-CMS+	IXF-PHO-CMS
Cut-off wavelength (nm)	< 1400	< 1450	< 1450
Core Diameter (μm)	8.2 +/-0.5	5 +/-1	3.5 +/-1
Numerical aperture	0.13 +/- 0.01	0.21 +/- 0.02	0.37 +/- 0.02
MFD (μm)	10.5 +/-1	6 +/-1	4 +/-1
Attenuation@1550nm (dB/km)	< 0.5	< 2	< 10
Slice loss to SMF (dB)	< 0.07	< 0.12	< 0.25
Cladding Modes	< 0.2 dB for FBG>30 dB	Shift up to 4 nm	Shift up to 9nm
Outside cladding diameter (μm)	125 +/- 1	125 +/- 1	125 +/- 1
Coating diameter (μm)	245 +/- 15	245 +/- 15	245 +/- 15
Core non-circularity (%)	< 5	< 5	< 5
Core/Coat Conc Error (μm)	< 15	< 15	< 15
Proof Test Level (kpsi)	100	100	100

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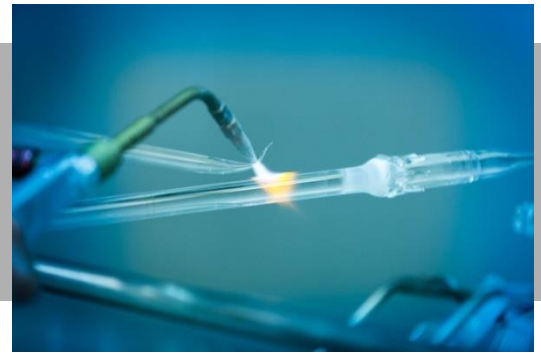
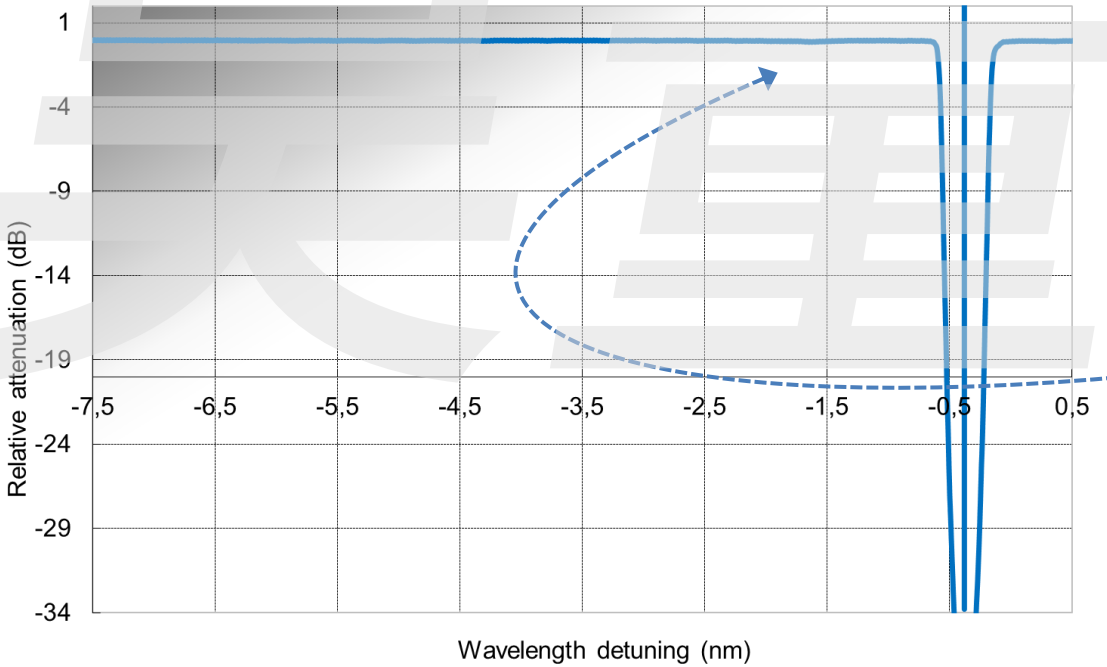
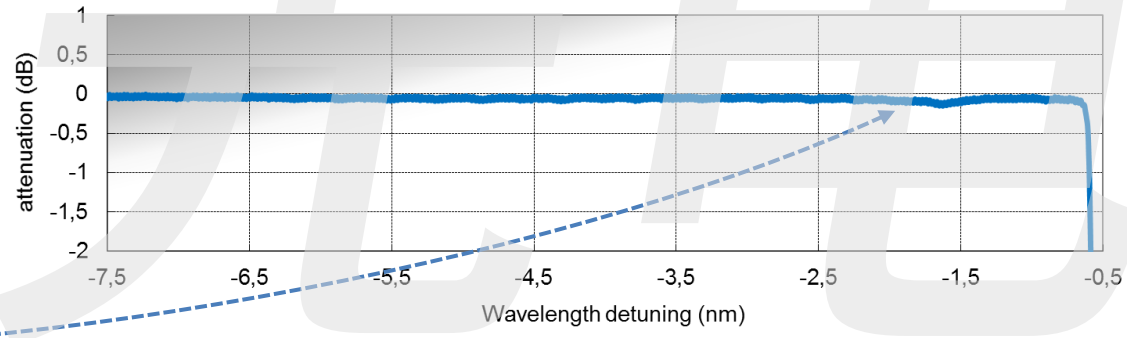


- **IXF-PHO-CMF fiber** **Cladding Modes Losses < 0.1 dB for - 35 dB saturated Bragg Grating**





Related Products

- Excellent cladding mode suppression
- Mode Field diameter matched to transmission
- Fibers Fiber Bragg Gratings
- Fiber laser cavities