

Photosensitive Boron Doped SM Fiber

Product Code: PHOBCLD15

Features

Suppress short-wavelength side cladding mode
 Core and Inner-cladding both have photosensitivity
 High photosensitivity for grating applications, no H2 loading required

Applications

- ◆ WDM grating
- ◆ Normal FBG



Basic Parameters of Fiber Optic

Specification		
Product Code	Unit	PHOBCLD15
Design Wavelength	nm	1550
Cut-off Wavelength	nm	1300~1500
Numerical Aperture	-	0.16±0.01
Mode Field Diameter (Petermann II) at 1550nm	μm	8.5±0.5
Core Diameter	μm	6.5±0.5
Cladding Diameter	μm	125±1
Coating Diameter	μm	245±10
Core / Cladding Concentricity	μm	≤ 0.8
Cladding / Coating Concentricity	μm	< 12
Proof Test	kpsi	≥ 100
Length	-	Customized