

**Double Clad Photosensitive LPG Fiber****Product Information**

Issue Date: 2002/01

**FEATURES**

Specially designed double cladding fiber  
Low coefficient of thermal effect

**APPLICATION**

Temperature insensitive long-period fiber grating which is independent of recoating

**SPECIFICATIONS****Product Name****PHODCLD15**

Design Wavelength	1550 nm
Attenuation @1550nm	$\leq 10$ dB/km
Numerical Aperture	$0.165 \pm 0.015$
Core Diameter	$5.0 \pm 0.5 \mu\text{m}$
Inner-cladding Diameter	$55 \pm 5 \mu\text{m}$
Outer-cladding Diameter	$125 \pm 1 \mu\text{m}$
Coating Diameter	$245 \pm 10 \mu\text{m}$
Cladding/ Coating Concentricity	$< 12 \mu\text{m}$
Proof Test	$\geq 100$ kpsi
Length	Customize

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