

Neodymium-doped Double Clad Optical Fiber

Product Information

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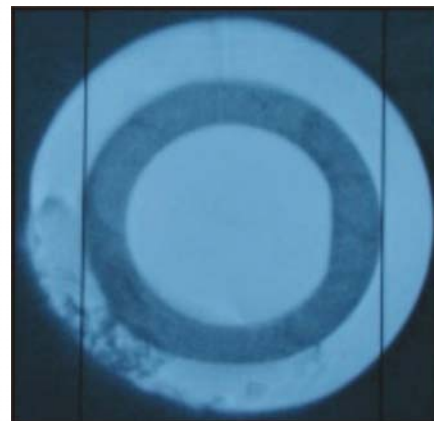
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INTRODUCTION

These new unique D-shape Double Clad Nd-doped fiber is produced at our own facility using a new High Temperature MCVD process.

APPLICATIONS

The NDCDF125 is a single mode area D-Shape Double Clad fiber for lasers operating in 1-20W output power range. It can be economically pumped by 808nm diode laser. Typical operating wavelength is at 1060nm.



SPECIFICATIONS

Product Name	NDCDF125	
Core	Value	Units
Absorption Coefficient @ 800 nm	7~9	dB/m
Core Diameter	3.1 ± 0.3	µm
Cut-off Wavelength	880 ± 30	nm
Numerical Aperture	0.20 ± 0.02	
Pump cladding		
MM Pump Absorption @ 800 nm	6.5 ± 0.5	dB/km
Cladding Diameter (D-shape)	120/125 ± 2	µm
Numerical Aperture	>0.38	
Primary Coating Diameter	180 ± 10	µm
Secondary Coating Diameter	250 ± 10	µm
Primary Coating Type	Low index polymer	
Length	Customize	

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