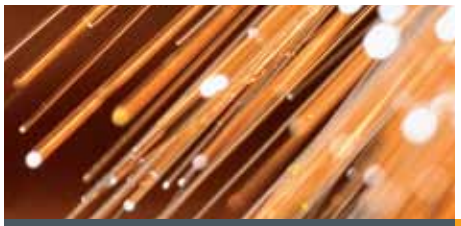

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Multimode Components

KeyFeatures

- High Power Handling
- High Power Absorption
- Minimal Signal Loss
- RoHS Compliant

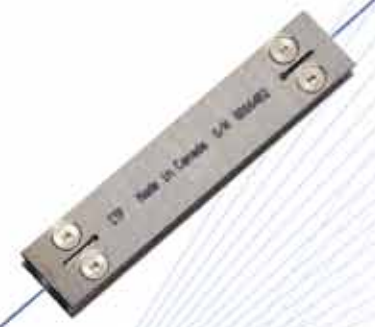
Applications

- Fiber Lasers
- Fiber Amplifiers

Cladding Power Stripper

ITF Labs' cladding mode stripper features exceptional optical characteristics. These devices absorb cladding light in double clad fibers. Cladding light is absorbed from the full fiber NA of 0.46 down to the core NA (0.06). Signal light is preserved with minimal loss of power or M^2.

These devices are ideal for removing residual pump light, ASE and escaped core modes from the cladding of double clad fibers.



For moreInfo

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or via e-mail at **info@itflabs.com**

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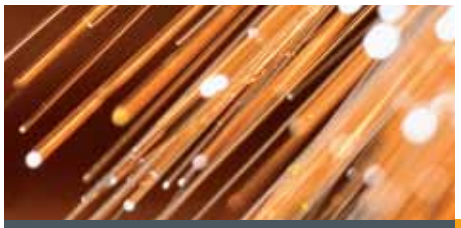

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Multimode Components

Cladding Power Stripper

SPECIFICATIONS*
STANDARD CONFIGURATIONS

Product Code	CPS10011	CPS10033	CPS10044	CPS10055	CPS10077	CPS10088
Optical Specifications						
Fiber Type	20/400 µm 0.06/0.46	25/250 µm 0.11/0.46	15/130 µm NA=0.08/0.46	PM 20/400 µm NA=0.06/0.46	PM 25/250 µm NA=0.11/0.46	PM 15/130 µm NA=0.08/0.46
Operating Wavelengths	800 - 1000 nm					
Minimum Cladding Light Attenuation (1), (2)	>15 dB					
Insertion Loss - Signal (1), (3)	<0.1 dB	<0.2 dB	<0.3 dB	<0.1 dB	<0.2 dB	<0.3 dB
Polarization Extinction Ratio (1)				>15 dB		
Mechanical Specifications						
Power handling (4)	50W	50W	20W	50W	50W	20W
Dimensions	60 x 12 x 6.5 mm					
Fiber Pigtail Length Input/Output (5), (6)	A=1000 mm					
			B=2000 mm C=3000 mm			

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(1) Parameters are specified at room temperature
(2) Fully filled condition. Tested at NA=0.22. Contact ITF engineering department for attenuation vs. NA data
(3) Underfilled condition
(4) Cladding borne light. Heatsinking is required, see application note on website
(5) For safe handling of DCF fiber, see application note on website
(6) Pricing is dependant on fiber pigtail length

*Specifications subject to change without notice.

ORDERING INFORMATION

For standard products, please use product codes specified above. ITF Labs can also develop custom products to meet a wide range of technical requirements.

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