

MULTIMODE COMPONENTS

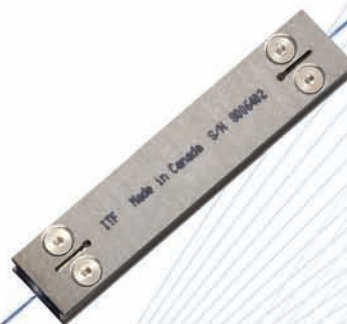
Cladding Power Stripper

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 more information on this or other products and their availability, please contact our customer service at

514.748.4848 (Int'l) /
1.888.922.1044 (Canada & USA only)
or via e-mail at info@itflabs.com

KEY FEATURES

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



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 Wavelength	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					

(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.

ORDERING INFORMATION

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



ITF Labs

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Tel: 514.748.4848

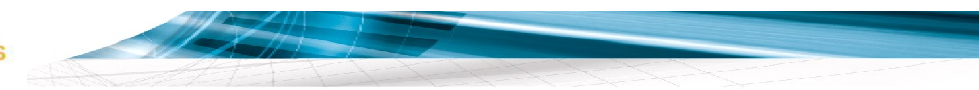
Fax: 514.744.2080

1.888.922.1044

www.itflabs.com info@itflabs.com

グラッドパワーストリッパー(パンプダンプ)製品リスト

詳細仕様がが必要な場合は、PART#をお知らせ下さい。データシートをご用意致します。



CLADDING POWER STRIPPERS

PKG	PART #	INPUT PORT	OUTPUT PORT
non PM			
HP	CPS100C5311	5/130 um NA=0.14/0.46	5/130 um NA=0.14/0.46
HP	CPS100C5626	SM 1550 DCF	SM 1550 DCF
HP	CPS100C5371	6/125 um NA=0.12/0.46	6/125 um NA=0.12/0.46
HP	CPS100C3281	10/125 um NA=0.08/0.46	10/125 um NA=0.08/0.46
HP	CPS100C5521	10/200 NA=0.08/0.46	10/200 NA=0.08/0.46
HP	CPS100C3730	11/480 um NA=0.08/0.46	11/480 um NA=0.08/0.46
HP	CPS10044	15/130 um NA=0.08/0.46	15/130 um NA=0.08/0.46
HP	CPS10011	20/400 um NA=0.06/0.46	20/400 um NA=0.06/0.46
HP	CPS100C3833	20/480 um NA=0.08/0.46	20/480 um NA=0.08/0.46
HP	CPS100C5423	100/400 um NA=0.09/0.46	100/400 um NA=0.09/0.46
PM			
HP	CPS100C4251	PM 10/125 um NA=0.08/0.46	PM 10/125 um NA=0.08/0.46
HP	CPS10088	PM 15/130 um NA=0.08/0.46	PM 15/130 um NA=0.08/0.46
HP	CPS10055	PM 20/400 um NA=0.06/0.46	PM 20/400 um NA=0.06/0.46
HP	CPS10077	PM 25/250 um NA=0.11/0.46	PM 25/250 um NA=0.11/0.46
HP	CPS100C4703	PM 25/300 um NA=0.10/0.46	PM 25/300 um NA=0.10/0.46
HP	CPS100C5798	PM 25/400 um NA=0.06/0.46	PM 25/400 um NA=0.06/0.46
HP	CPS100C5538	PM 25/400 um NA=0.10/0.46	PM 25/400 um NA=0.10/0.46



光技術をサポートする

株式会社オプトサイエンス

<http://www.optoscience.com>

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