

Cladding Power Stripper (CPS)



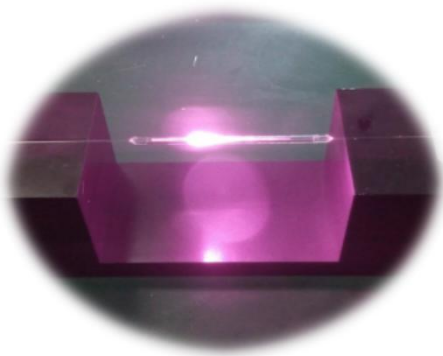
P23: 65x12x7.5mm
Power handling <50W



P252: 115x30x15mm
Power handling 50~100W



P28: 65x20x15mm
Power handling 100~200W



P283: 75x21x20mm
Power handling 200~500W

In fiber laser, pump and signal transmit through doped fiber, the pump energy is absorbed along with transforming into signal energy, but pump energy cannot be absorbed completely, there is always residual energy transmitted in cladding of DCF. This part of energy is no need and even dangerous for downstream components, with CPS it can effectively "strip" residual pump energy and also can strip some reflection signal which back fire into cladding, meantime keep the amplified signal unaffected.

Features:

- Epoxy-free stripping tech., low fiber temperature, lest effect on signal beam.
- Excellent Stability.
- Wavelength independent, high stripping power handling capability.
- High strip efficiency.

Applications:

- Fiber Laser
- High Power Fiber Amplifier

Cladding Power Stripper (CPS)

Specifications

Fiber type	Working wavelength(nm)	Max Insertion loss	Min. Stripe efficiency	Power handling
x/125 DC	1020-1080 or C-band	0.2dB	20dB (>99%) Typical 22dB If customer want lower stripe effi., it can be customized, say 10-15dB	50W, 100W, 200W, 500W on demand
x/200 DC	1020-1080	0.2dB		
x/250 DC	1020-1080	0.2dB		
x/300 DC	1525-1570(C-band)	0.2dB		
x/400 DC	1020-1080	0.2dB		
PM x/125 DC	1020-1080	0.2dB/ER>18dB		
PM x/200 DC	1020-1080	0.2dB/ER>18dB		
PM x/250 DC	1020-1080	0.2dB/ER>18dB		
PM x/300 DC	1525-1570	0.2dB/ER>18dB		
PM x/400 DC	1020-1080	0.2dB/ER>18dB		

Remark:

- * x means the core size of LMA fiber, can be 6, 8, 10, 12, 14, 15, 20, 25, 30um etc.
- * CPS can be customized on all available Double Clad Fiber.
- * All products are with LasFiberio logo, for special request, please contact our sales .

Ordering Information:

Please describe your request as:

CPS in 20/400 fiber, 500w stripping power, 23db eff. with water cooling.

and drop us mail to sales@lasfiberio.com for further help.