

CPS Cladding Power Strippers

Cladding Power Strippers (CPS) can be used for high power fiber lasers and fiber amplifiers to strip unwanted cladding light from dual clad fiber (DCF).

Features

- High Stripping Efficiency
- Low Signal Loss and Beam Quality Degradation
- High Extinction Ratio (for PM Fiber)
- Stable and Reliable

Applications

- High Power Fiber Lasers
- Fiber Amplifiers



Specifications

Parameter	Specification		
Port Configuration	1x1		
Signal Wavelength	800 nm ~ 2000 nm		
Pump Wavelength	800 nm ~ 1000 nm		
Signal Fiber (Note 2)	x/125	x/250	x/400
Cladding Attenuation	>20 dB	>18 dB	>18 dB
Signal Insertion Loss	<0.13 dB		
Power Handling (Note 3)	20W	100W	1000W
Polarization Extinction Ratio (PM fiber)	>17 dB (Input PER >25 dB)		
Return Loss	>45 dB		
Pigtail	Standard 1m or custom		
Operating Temperature	0~75°C		
Storage Temperature	-40~85°C		

Note 1: Values are referenced without connectors.

Note 2: x specifies fiber core size.

Note 3: Bottom side of these devices must be mounted on a heat sink with good heat conduction. For cladding power >200W, water cooling is required.

Ordering Information

C P S

Fiber Type
 28 = DCF-UN-8/125 NA:0.14/0.46
 48 = 25/250 DCF NA:0.08/0.46
 67 = DCF-UN-50/400-12

Package Size(mm)
 3 = 75x12x8
 8 = 105x15x8 Box
 G = 100x28x12.6mm

Special Code