

Cladding Light Stripper (CLS)

Kerns Technology | www.kernsoptic.com | Email: jenny@kernsoptic.com

Product Overview

Cladding light stripper for high-power laser systems, designed for efficient stripping with low signal loss and low beam-quality degradation.

Features High stripping efficiency; Low signal loss and beam-quality degradation; Custom configuration available	Applications High-power lasers
--	--

Technical Specifications

For configuration selection and quotation, use the Component Finder at www.kernsoptic.com/contacts. Final special configurations are subject to engineering review.

Parameter	X/125	X/250	X/400
Power Attenuation	>20 dB	>18 dB	>18 dB
Max. Stripping Power	20 W	100 W	1000 W

Shared Specifications

Parameter	Specification	Unit
Port Configuration	1x1	-
Signal Wavelength	800-2000	nm
Pump Wavelength	800-2000	nm
Signal Insertion Loss	<0.13	dB
Polarization Extinction Ratio	>18 (input ER >25 dB)	dB
Return Loss	>45	dB
Package	D1-D7	-
Operating Temperature	-5 to +70	°C
Storage Temperature	-40 to +85	°C

Package Dimensions

Package	Dimensions
D1-D7	Standard KernsTech package family
Custom	Engineering review

The master catalog specifies D1-D7 package families rather than one fixed mechanical drawing. Final package is confirmed during engineering review.