



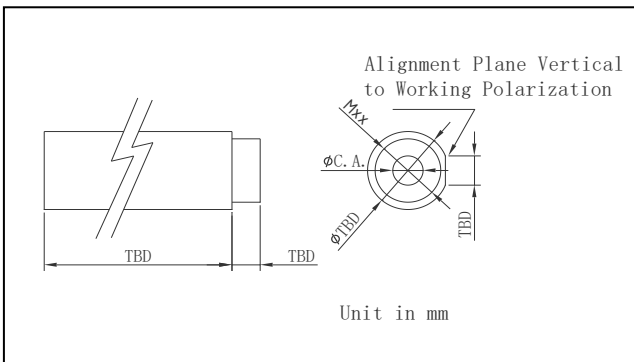
Free Space Depolarizer

I&Optics' free space Lomt depolarizer can convert a random polarizaiton into a psuedo-depolarization light by scrambling up the polarization. It features very high transmission ratio and can be used to eliminate the influence of polarization in polarization sensitive systems, such as lasers, sensors, testing systems and R&D.

Specification

Parameter	Test Condition	Unit	Value
Nominal Center Wavelength	-	nm	633, 850 , 980 , 1060 , 1310 , 1550 , 2000 or Specify
Wavelength Range	-	nm	+/-20 for 633/850nm, +/-30 for 980/1060nm, others +/-50
Min. Transmission Ratio	at Center Wavelength	%	96, Typ. 98
Max. Polarization Dependent Loss	-	dB	0.2, Typ. 0.1
Nominal Beam Diameter	at Beam Waist ($1/e^2$)	mm	7 or Above, Dependent on Clear Aperture
Min. Clear Aperture	-	mm	Dia. 12.0 or Specify
Max. Power Handling Rate	Continuous Wave	mW	1000 or Specify
Operating Temperature	-	°C	-5 to 70
Storage Temperature	-	°C	-40 to 85

Package Dimensions



Dimensions depends on user's application. We are very pleased to do our best to provide customized package for optimizing.

Ordering Informations

CDP-①-②-③-④-⑤

① - Center Wavelength

63 - 633nm

85 - 850nm

98 - 980nm

06 - 1060nm

31 - 1310nm

55 - 1550nm

20 - 2000nm

SS - Specify

② - Model Type

TBD

③ - Power Rate

01 - 1W

05 - 5W

10 - 10W

1H - 100W

④ - Clear Aperture

12 - 12.0mm

15 - 15.0mm

20 - 20.0mm

⑤ - Interface Type

20 - M20

32 - M32