



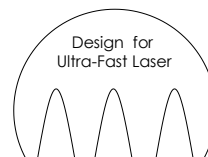
High Power Free Space Isolator Sensitive (Ultra-Fast Fiber Lasers)

Features

Low Insertion Loss, High Isolation
 High Power Handling, Large Clear Aperture
 Broad band

Applications

Ultra-Fast Fiber Lasersr, Solid Laser
 Fiber Amplifier, Space Laser Protection
 Fiber Optic Isolator, Lab Research
 Optical Fiber Amplifier

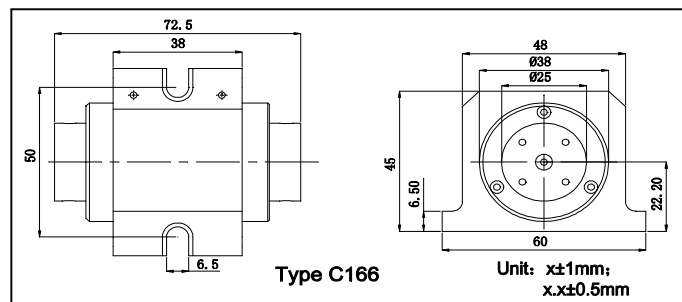
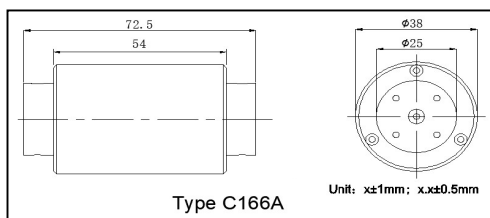


Specifications

Parameters	Unit	Values	
Center Wavelength (λ_c)	nm	1064 or Specify	
Operating Wavelength Range	nm	± 10	± 40
Typ. Isolation at 23°C	dB	30	25
Min. Isolation at 23°C	dB	28	20
Typ. Transmission at 23°C	-	97%	93%
Min. Transmission at 23°C	-	94%	90%
Min. Extinction Ratio	dB	25	
Max. Optical Average Power	W	50 ,100 or Specify	
Max. Peak Power for ps Pulse	kW	10 or Specify	
Damage Threshold at 10ns	J/cm ²	10	
Operating Temperature	°C	+10 to +50	
Storage Temperature (Non-Condensing)	°C	0 to +75	

*Input polarization plane - vertical
 *The material must be RoHS compliant.

Package Dimensions



Ordering Information

HPFSI-UF-①①-②③③-④④④-⑤⑥-⑦⑧

①①: Wavelength
 06 - 1064nm
 SS - Specify

④④: Clear Aperture
 50 - Dia. 5.0mm
 30 - Dia. 3.0mm
 SS - Specify

⑦: Input Polarization
 H - Horizontal
 V - Vertical
 S - Specify

②: Package Type
 C166 - Type C166
 C166A - Type C166A

⑤: Polarization type
 S - Polarization Sensitive

⑧: Output Polarization
 H - Horizontal