

12.7mm Clear Aperture 33R/67T, Pellicle Beamsplitter



Pellicle Beamsplitters

Stock **#19-309** 2 In Stock

-

1

+

€303⁰⁰

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Volume Pricing	
Qty 1-10	€303,00 each
Qty 11-25	€258,00 each
Qty 26+	€225,00 each
Need More?	Request Quote

i Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:

Pellicle Beamsplitter

Physical & Mechanical Properties

12.7

Clear Aperture CA (mm):

Construction:

Pellicle	
19.05	Diameter (mm):
Black Anodized Aluminum	Housing:
2 +0.3/-0.0	Thickness (µm):

Optical Properties

	Coating:
Dielectric	
	Coating Specification:
33/67 @ 400 - 700nm	
	Index of Refraction (n _d):
1.5	
	Reflection/Transmission Ratio (R/T):
33/67 ±5%	
	Substrate: □
Nitrocellulose	
	Surface Quality:
40-20	
	Wavelength Range (nm):
400 - 700	

Threading & Mounting

	Mount Thickness (mm):
3.18	
	Mounting Threads:
2-56	

Regulatory Compliance

	RoHS 2015:
Compliant	
	Certificate of Conformance:
View	
	REACH 241:
Compliant	

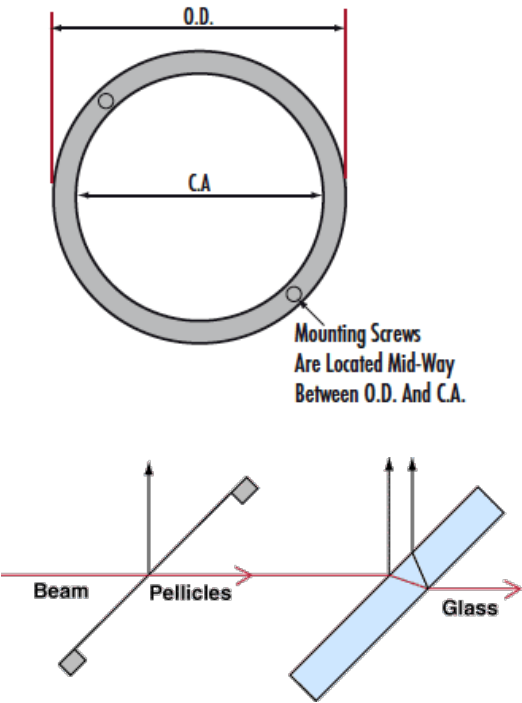
Product Details

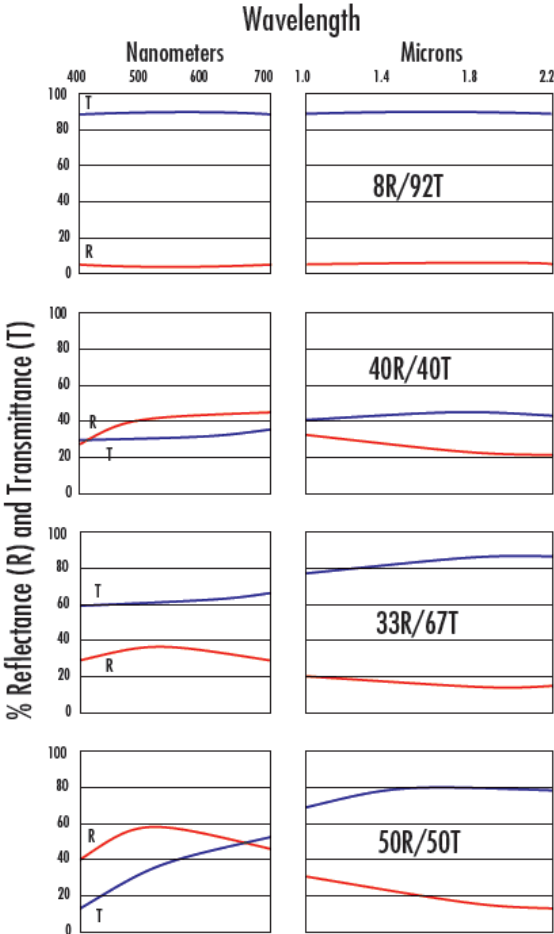
- No Ghost Images from Second Surface Reflections
- No Chromatic Aberration with Converging Beams
- No Change in Optical Path Length
- [Pellicle Beamsplitters for the Infrared \(IR\)](#) Also Available

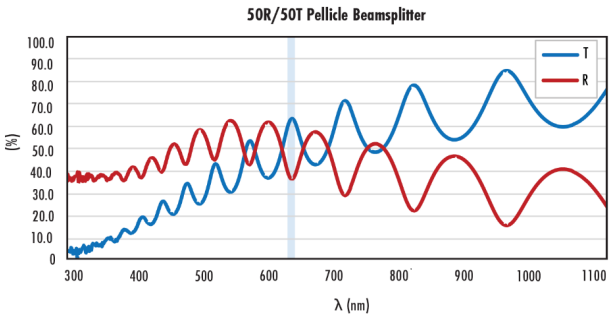
Pellicle Beamsplitters are very thin nitrocellulose membranes bonded to lapped aluminum frames. They feature no ghost images from second surface reflections. To ease system integration, these beamsplitters offer mounting holes on the underside of the frame. Pellicle Beamsplitters are resistant to mechanical shock or climate variations but must be protected from dust and spray to avoid damage to the pellicle membrane. Please note, environments with a high level of humidity (>55%) can cause a temporary loss of tension in the pellicle membrane. The membrane will revert to normal tension if humidity is lowered.

Note: Extra care must be taken when handling.

Technical Information







Special Handling

These optics require special handling to avoid damage and ensure long-term performance. Proper handling, cleaning, and storage are essential to maintain optical quality. Explore our [Optics Cleaning Resources](#) for step-by-step guides and best practices. For personalized assistance, [Email us](#) or [Chat](#) with our technical support team.



Component Handling Tools

Compatible Mounts
