

12.7mm Clear Aperture 40R/40T, Pellicle Beamsplitter



Pellicle Beamsplitters

Stock #19-308 3-4 DAYS

-

1

+

€220⁰⁰

ADD TO CART

Qty 1-10
€220,00

Qty 11+
€187,00

Volume Pricing
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Prices shown are exclusive of VAT/local taxes

Product Downloads



SPECIFICATIONS

General

Pellicle Beamsplitter

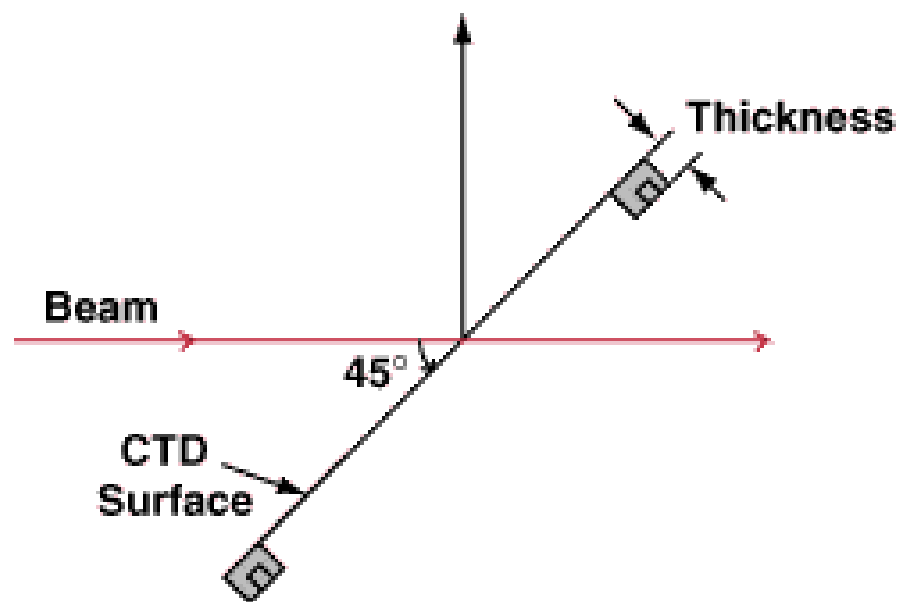
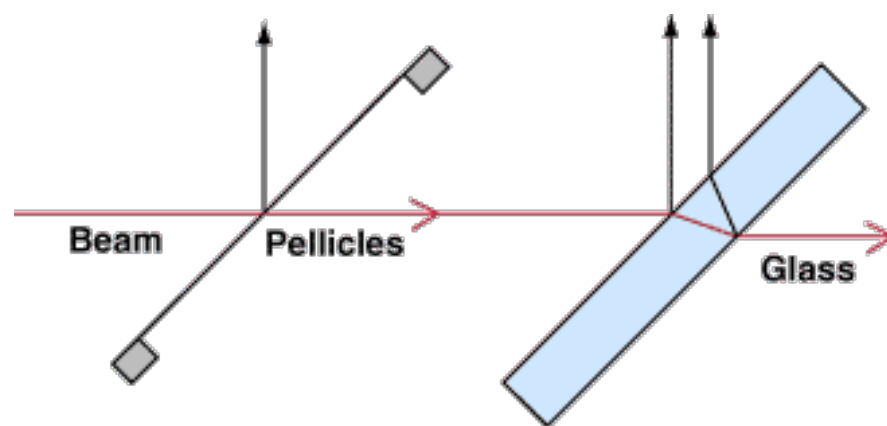
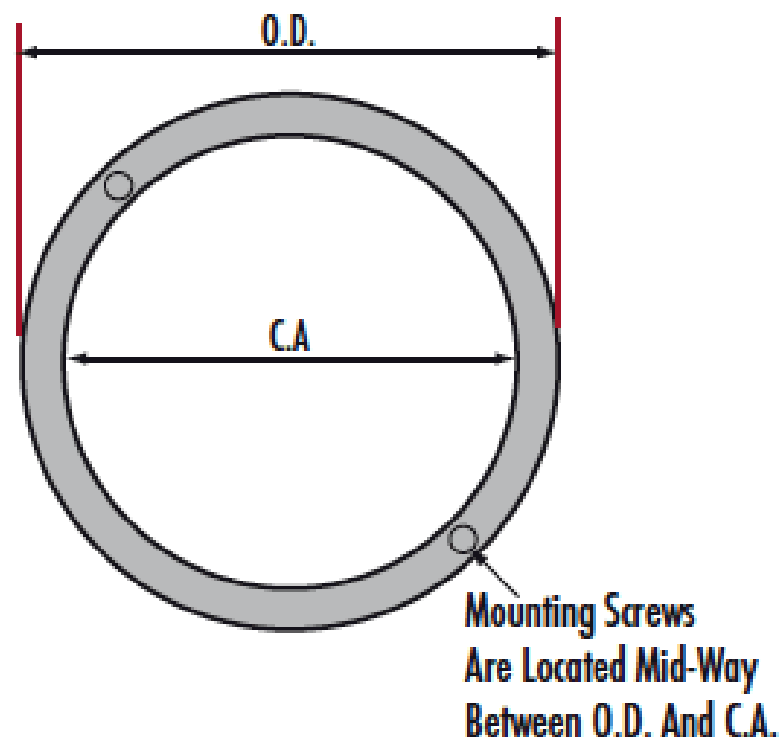
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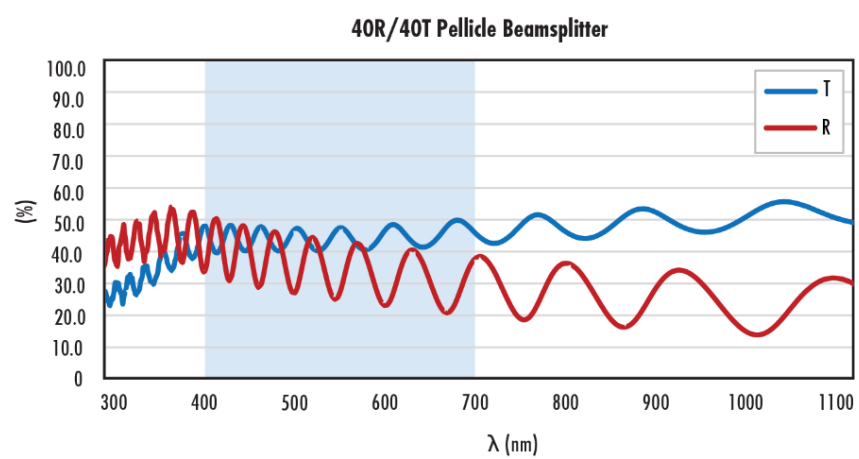
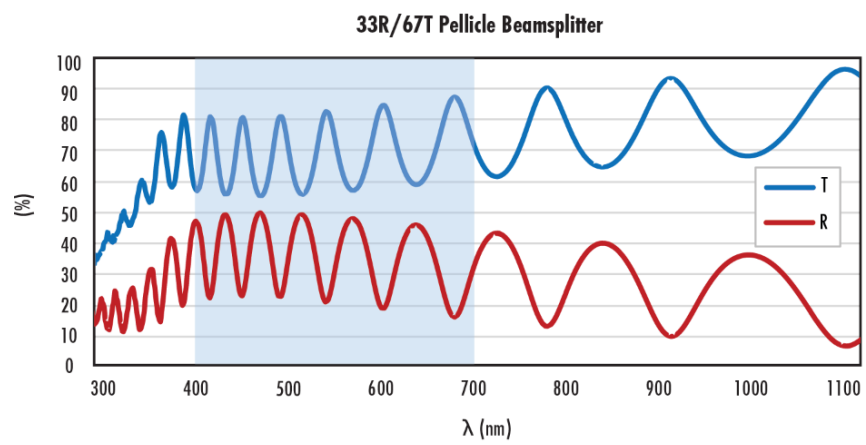
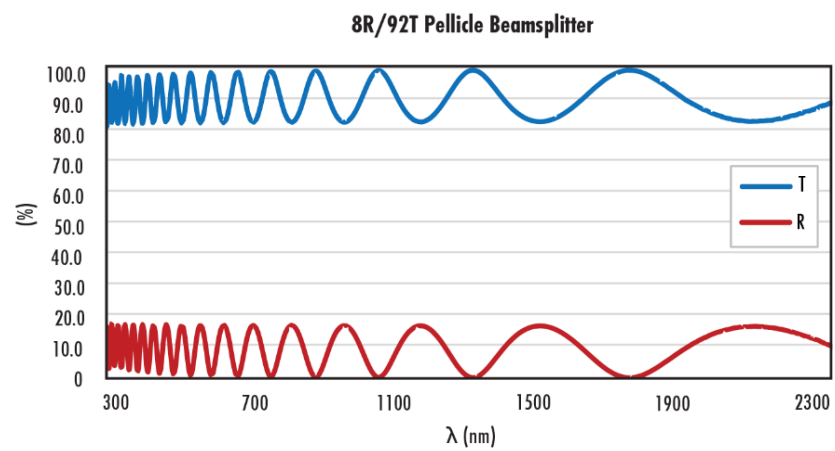
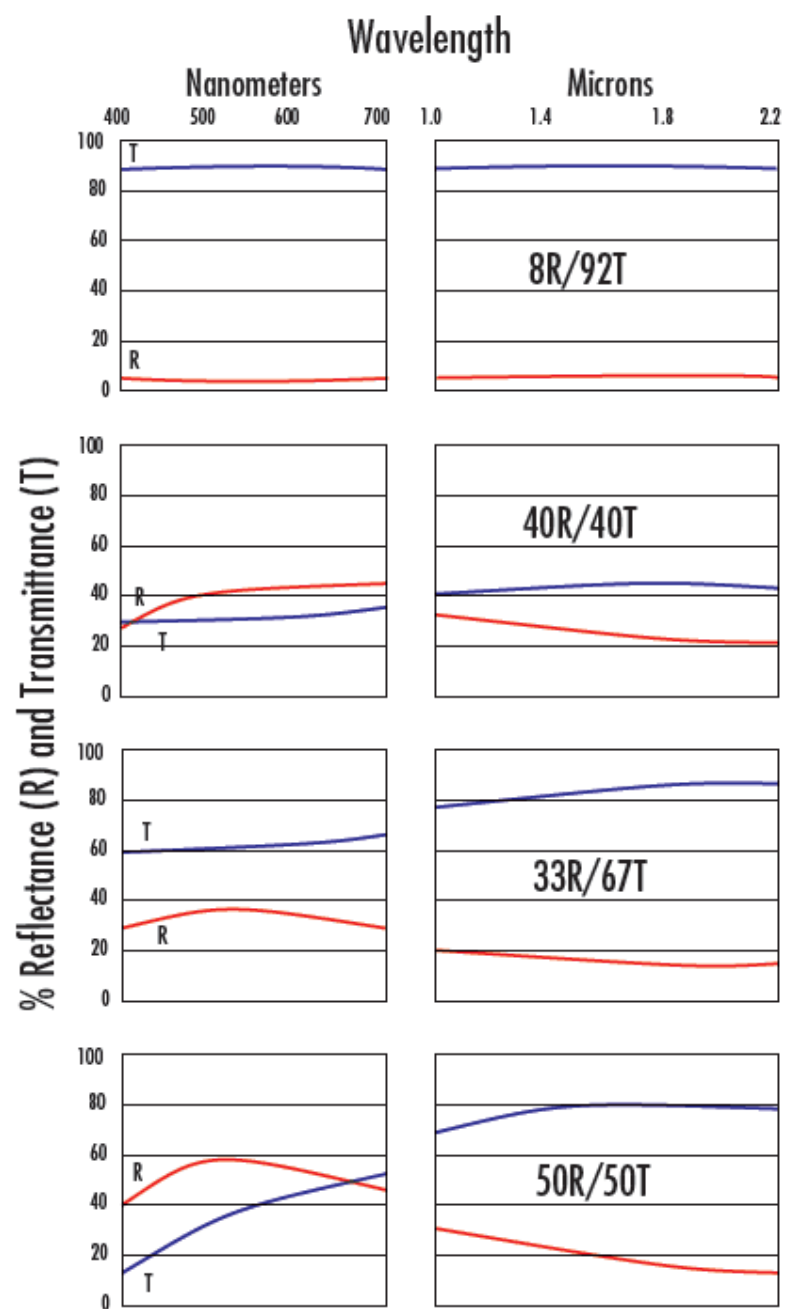
Physical & Mechanical Properties	
12.7	Clear Aperture CA (mm):
Pellicle	Construction:
19.05	Diameter (mm):
Black Anodized Aluminum	Housing:
2 +0.3/-0.0	Thickness (µm):
Optical Properties	
Metal/Dielectric	Coating:
40/40 @ 400 - 700nm	Coating Specification:
1.5	Index of Refraction (n _d):
40/40 ±5%	Reflection/Transmission Ratio (R/T):
Nitrocellulose	Substrate: □
40-20	Surface Quality:
400 - 700	Wavelength Range (nm):
Threading & Mounting	
3.18	Mount Thickness (mm):
2-56	Mounting Threads:
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	REACH 241:

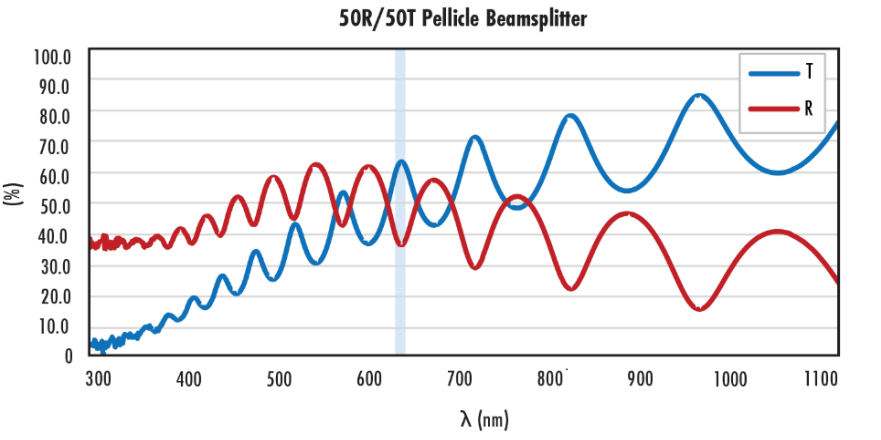
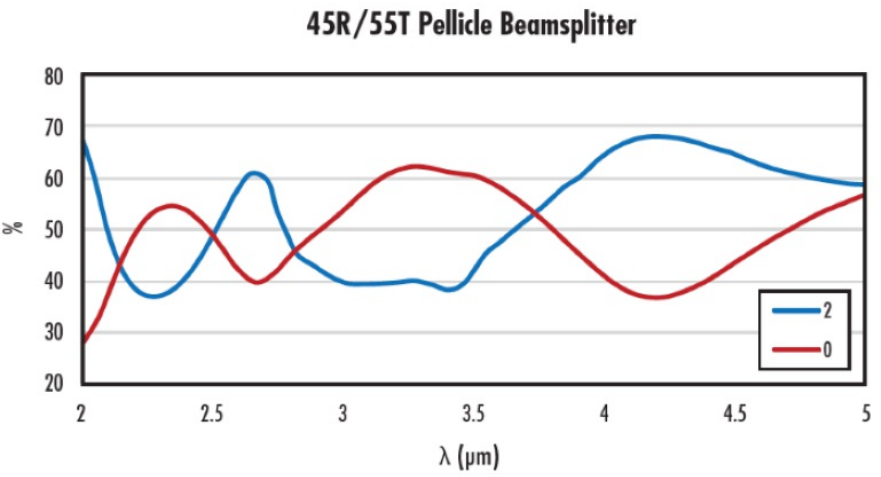
PRODUCT DETAILS

- 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







COMPATIBLE MOUNTS