

What to do if the beam splitter gets damp



Overview

The recommended cleaning solution is "Sparkle" brand glass cleaner (purple variant), applied with Q-tips or Kimwipes. For stubborn residues, xylene, acetone, or 70% ethanol in distilled water can be used, with xylene being the most effective but potentially damaging to optical. I am looking for a beam splitter with the following properties: Polarising, so that one path is for p polarised light, and the other path for s polarised. Similar performance across a range of angle of incidence. I have been looking and either I can't find what I am looking for, or I just get. Warning: This type of technique can damage your equipment. Proceed with it at your own risk. As you can see in the 3-minute video above, it's a very easy procedure, and although we present the Yashica Electro 35 as an example in the tutorial, I already used the same process on my Canon Canonet QL19. This discussion focuses on the proper cleaning techniques for polarizing beamsplitter cubes, emphasizing the importance of using appropriate materials and methods to avoid damaging coatings. Just plain replacements are impossible to come by even though the same design was used in all of the V, VI and P models.



Article Content

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What is a Beam Splitter: Types And Applications

A beam splitter is a device used to separate or combine light. It is widely used in guiding light in optical systems, enhancing imaging and

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What are Beamsplitters?

Beamsplitter Construction | Types of Beamsplitters Beamsplitters are optical components used to split incident light at a designated ratio into two separate

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Beam splitters

A beam splitter works like a mirror that transmits part of the light. So there is always part of light that goes directly through without changing the direction. The rest

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The Buyer's Guide to Beam Splitters | Blue Ridge Optics

Matching the beam splitter's specifications to the characteristics of the light source ensures optimal performance. This minimizes light losses and aberrations while maintaining the

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Has anyone successfully cleaned a pellicle beamsplitter without ...

How often dirt deposition can damage a pellicle beam splitter? You could call ThorLabs or check the product description to see if you can clean the beamsplitter using a solvent (ex. methanol).

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06 BEAMSPLITTER Cleaning-Advice English | PDF

To clean beam splitters, it is recommended to use a soft cotton cloth or window leather with a neutral or weakly alkaline aqueous window cleaner containing less than 5% ammonia or organic solvents.

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Infrared Spectroscopy: Beam Splitters and Detector Physics Explained

Infrared spectroscopy sits at the heart of identifying and studying molecular structures, but honestly, its precision hinges on how well the instrument manages light. Two components really

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How to Safely Clean and Remove Residues from a Polarizing

First, wear latex gloves so you don't re-contaminate the surface. I use "Sparkle" brand glass cleaner- the purple, not the red: and use Q-tips or a lint-free wipe (I use Kimwipes). Wet the Q

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What does a Beam Splitter do? – Accurate Optics

A beam splitter is a device that splits an incident light beam into two or more beams. It can be used to direct light in specific directions, or to combine

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How to Clean and Mod the Beam Splitter in a

I recently collaborated with Chris from filmismorefun and made a video about how to clean the beam splitter in your rangefinder camera as well as

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Beam splitter | Description, Example & Application

A beam splitter is an optical device that splits a single beam of light into two or more beams. It is commonly used in scientific and industrial applications.

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Re-roofing shed, beams are damp, should I put

Re-roofing shed, beams are damp, should I put something between damp beams & new osb? My shed roof was in terrible shape, I'm in the middle of pulling

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Beam splitter

A beam splitter or beamsplitter is an optical device that splits a beam of light into a transmitted and a reflected beam. It is a crucial part of many optical experimental

Dec 13, 2025

Beam Splitter

Within the interferometer, a beam-splitter directs one beam of light down a reference path, which has a number of optical elements including an ideally flat and smooth mirror from which the light is

Apr 10, 2026

beam splitter help please (novice question) : r/Optics

For objects a reasonable distance away, this is small and can be easily corrected. If you are shooting at close-in objects pointing two cameras, and fixing the resulting image warping digitally is also an

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Essential Tips for Hydraulic Log Splitter Maintenance

Let's get started! Log Splitter Maintenance Tips: Key Takeaways Here are the essential practices to remember for maintaining your hydraulic log splitter:

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Beam Splitter Tutorial

A beam splitter is an optical device that divides an incoming light beam into two separate beams. One beam is typically reflected while the other is transmitted.

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What is a Beam Splitter?

A beam splitter or power splitter is an optical device that can split an incident light beam e.g. a laser beam into two or sometimes more beams, which may or may not have the same optical

May 14, 2026

The beam splitter coating on my Canon VL is too

Since the beam splitter to my knowledge is just a semi-reflective glass at the right angle, I wonder if replacing it with a generic beam splitter plate at the correct

Jul 23, 2025

MODEL #BD201258 38 TON FULL BEAM LOG SPLITTER

Log Splitter Location This log splitter must have at least seven feet of clearance from combustible material. Leave at least three feet of clearance on all sides of the log splitter to allow for adequate

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Understanding Beamsplitters: Types, Principles, and

This article explores the fundamental principles and diverse applications of beamsplitters, detailing their different types and uses in fields such as optics

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PetaPixel

I recently collaborated with Chris from filmismorefun and made a video about how to clean the beam splitter in your rangefinder camera as well as

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How to Maintain Your Hydraulic Log Splitter

With these basic hydraulic log splitter maintenance tips, you'll be able to keep your machine in prime working order and ready to operate for years to come. To ensure proper maintenance of your log

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How Beamsplitters Work: Principles and Applications

Learn how beamsplitters divide light using partial reflection and transmission, and explore their essential roles in modern optical systems.

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