

# Reasons for fiber breakage with fiber optic hot stripping pliers

When utilizing stripping equipment, there are a few things to keep in mind. Any damage done to the fiber is a ticking time bomb: stress spots where glass cracks can propagate over time, ...

Cutting and stripping the cable jacket can be done with a special fiber stripper, or a properly set wire stripper, as long as it does not damage the fiber. Some fiber strippers have grooves for both the ...

We're going to take a closer look at the entire fiber optic splicing process step by step to identify the most widespread mistakes made by beginners in the profession.

The blades in the ribbon-stripping tool create compressive stresses during the fiber pull-out process. These compressive stresses, in turn, may lead to coating instability.

A product with damaged fiber may pass all standard production testing (visual inspection, IL / RL, etc), but will be extremely susceptible to future field failure. Controlling stripper blade quality ...

There are three possible causes, a brittle fiber, the stripping tool or bad stripping technique. Fiber can get brittle if it is exposed to the air for a long time.

Cracks and breaks in a live fiber optic cable can happen for various reasons. Sometimes cables are accidentally severed from a backhoe or other construction actions or completely chewed through by ...

If the fiber has been scored during the stripping, it is likely to break during this test. Better to break now and have to re-strip the product than to have it break later in the process or, in the ...

Discover common fiber stripper mistakes including using the wrong blade size, excessive force applications, and improper storage - all of which can harm fiber optic stripping processes. Learn ...

A common such method is to perform a 45-degree bend test on the fiber where, if the fiber OD had been "nicked" by the stripping tool, this bend would cause the fiber to break at the scratch point.

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