

Optical Fiber Cable Chemical Stripping Fixture

Case Number: GSC- 13644-1
Patent Number: 5,451,294
Patent Exp. Date: 5/31/2014

DESCRIPTION

This device strips coatings from optical fibers so that they may be assembled with other components. It fits over the cable or fiber end. The coated portion to be stripped protrudes from the fixture and is placed in a chemical bath. By protecting the portion of fiber that should remain coated, the fixture allows a precise length of fiber to be stripped, leaving a distinct, well-defined interface. The device is particularly useful for removing hard, thin coatings (e.g., polyimide coatings).

FEATURES AND BENEFITS

- The technology can set fixture stripping length dimensions to approximately 0.01 inches
- Strips coatings accurately without having to depend on chemical levels or holding devices.
- The device is adaptable to a wide variety of fiber-optic cable terminations.
- The technology is compatible with many cold and hot chemicals (e.g., sulfuric acid), and is not damaged or affected by contact with most chemical stripping solutions
- Easy to use

APPLICATIONS

- Aerospace
- Commercial Aircraft
- Commercial Satellites
- Telecommunications
- Cable Television
- Medical
- Optics

FOR MORE INFORMATION

If you are interested in more information or want to pursue transfer of this technology, GSC-13644-1, please contact:

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