



Solderable Coatings For Glass Fibers And Windows

Coating #415



General Description

ECI offers several different thin film designs specifically for use as a solderable coating for glass substrates. These films are deposited at ambient temperature which makes them suitable for use on fiber ends and other temperature sensitive parts.

Fibers

The perimeter of a glass fiber can be coated in preparation for soldering into a hermetic termination package. The fiber is typically received with the jacket pulled back. ECI will clean, mount and coat your fibers in the desired area. We offer a multi-layer metal deposition that is suitable for a low temperature soldering process.

Windows

ECI #415 can also be deposited in a frame pattern around a window that is to be soldered onto a metal package. These films have demonstrated excellent adhesion to their glass substrates and have survived destructive lift-off testing. Various anti-reflection coatings are available to improve the transmission and reduce the reflection losses of the window.

Contact one of our Sales Engineers to discuss your specific needs.