

3M Releases Hot Melt LC Connectors

The new 3M hot melt LC connectors are now available to data and telecommunications professionals who install fiber optic networks. The 3M connectors accommodate singlemode or multimode fiber and come in simplex and duplex versions for a variety of cable sizes ranging from 250 and 900 micron buffer up to 3 mm jacketed cable. They offer all the advantages of 3M patented, pre-loaded, hot melt technology - fast installation, ease of termination, reliability, low insertion loss and high yield - but at half the size of SC and ST connectors. These new 3M LC connectors meet and exceed TIA 568-B.3 specifications.

With the factory-injected 3M hot melt adhesive, there is no inconsistent mixing or application of epoxy and no adhesive shelf life issues. Polishing is three to four times more consistent because of the simplified process and tooling (patents pending). This is an easy-to-install field-mount connector with the reliability of an adhesive and no internal splice.

The 3M LC connector is recognized in the industry for its small form factor design. Combined with 3M hot melt technology, it is ideal for premises and LAN applications. The 3M hot melt LC is another example of 3M expertise in the termination of high bandwidth fiber optic backbones as well as FTTH.

Installers who already have a 3M hot melt kit can buy an LC expansion kit that includes a weighted polishing jig, which gives a finish that provides precise centering of the physical contact (PC) at the fiber end face. This results in high performance with low optical loss and reflection.

3M Telecommunications

3M telecommunications products, technologies and services allow the world's service providers to offer high bandwidth connectivity from the central office into the customer premises with complete network solutions. The company's focus consists of technologies and services in telecom access and enterprise networks. For more information, go to www.3M.com/telecommunications.

About 3M -- A Global, Diversified Technology Company

Every day, 3M people find new ways to make amazing things happen. Wherever they are, whatever they do, the company's customers know they can rely on 3M to help make their lives better. 3M's brands include Scotch, Post-it, Scotchgard, Thinsulate, Scotch-Brite, Filtrete, Command and Vikuiti. Serving customers in more than 200 countries around the world, the company's 67,000 people use their expertise, technologies and global strength to lead in major markets including consumer and office; display and graphics; electronics and telecommunications; safety, security and protection services; health care; industrial and transportation. For more information, including the latest product and technology news, visit www.3M.com.

3M, Scotch, Post-it, Scotchgard, Thinsulate, Scotch-Brite, Filtrete, Command and Vikuiti are trademarks of 3M.

3M, St. Paul Mary Kay Kniefmknief at 3M dot com

<https://news.3m.com/2005-07-07-3M-Releases-Hot-Melt-LC-Connectors>