

Newly Designed Fiber Aerial Terminal Closure from 3M Delivers Weather-Tight Protection for FTTP Networks

Secure, weather-tight protection is a priority for service providers deploying fiber-to-the-premise networks. The 3M Communication Markets Division, now offers the SLiC Fiber Aerial Terminal Closure 530 for factory-terminated external cable assembly module (ECAM) FD drop.

Like the SLiC 530 closure for direct splice drops, also introduced today, the SLiC 530 closure for factory-terminated fiber drops also features a unique two-in-one housing design for easy installation and additional environmental protection.

The SLiC Fiber Aerial Terminal Closure 530 with Internal Drop Termination for Factory-Terminated ECAM FD Drop from 3M is an aerial, strand-mount, breathable fiber terminal for FTTP applications, suitable for inline, taut sheath, and butt splicing configurations.

The new SLiC fiber terminal features a two-closure-in-one housing design which separates the drop chamber from splice chamber. This allows the terminal to be accessed for fiber drop terminations without opening the splice chamber. Locking tabs on the terminal box provide greater network security. Single-piece construction ensures weather-tight protection as well as easy installation and provides access to the splice without removal of the closure or terminal from the cable.

The SLiC 530 accommodates 4, 6, 8, or 12 ECAM FD Factory Terminated SC/APC or SC/UPC Fiber Drops from 3M. In the SLiC 530, the drop cable is terminated inside the terminal. This helps to reduce the potential for connector contamination and provides better drop security than externally terminated drop cables. SLiC fiber closures and terminals are designed to Telcordia's GR-771-CORE Issue 2, July 2008, Generic Requirements for Fiber Optic Splice Closures - Free-breathing closures.

ECAM FD is a factory-terminated drop with SC/APC or SC/UPC connectors on one or both ends, available in lengths ranging from 50 to 1000 feet (15 to 305m). The innovative design of the ECAM FD fiber drop allows the SC connector to be replaced with a field assembled connector thus allowing the drop cable to be salvaged if the SC connector is damaged. The ECAM FD is shipped with a pulling sock to protect the drop and to allow the drop to be pulled through trees and conduits as small as 1.25 inches.

About 3M Communication Markets Division

With more than 40 years in the telecommunications industry, 3M Communication Markets Division offers one of the widest and most comprehensive suite of scalable solutions to communications service providers around the world from underground and buried plant, to central office, premises and more. Proven systems from 3M optimize network testing, construction, locating and maintenance for faster, more reliable high-bandwidth transmissions; enable physical media-layer capabilities for FTTP and DSL deployments from central office to customer premises; and deliver fiber optics technologies to leverage existing infrastructure or install completely new networks. More information is available at www.3mtelecommunications.com

About 3M

A recognized leader in research and development, 3M produces thousands of innovative products for dozens of diverse markets. 3M's core strength is applying its more than 40 distinct technology platforms - often in combination - to a wide array of customer needs. With \$24 billion in sales, 3M employs 79,000 people worldwide and has operations in more than 60 countries. For more information, visit <http://www.3M.com>.

Release Summary:

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