

New Fibrlok Splices from 3M Enable Fast, On-site Installations for Analog Video

For restoration or permanent splice applications, the 3M Communication Markets Division recently introduced two new Fibrlok products in the Angle Fiber Splice AS Series that enable fast, on-site installation of 250 micron and 900 micron fiber for analog video applications.

Specifically designed for cable television or fiber-to-the-home (FTTH) networks, the Fibrlok II Angle Fiber Splice 2529-AS can splice any combination of 250 micron and 900 micron fibers. The Fibrlok 250um Angle Fiber Splice 2540-AS can splice 250 micron fiber with a smaller form factor. Both deliver very low optical reflections across temperature extremes for excellent analog video transmission performance.

These angle fiber splices have metallic splice elements that have been optimized to lock keyed, angle cleave fibers in permanent alignment. The resulting angle cleave splice directs reflections out the fiber side. Each angle fiber splice has a green end cap to identify it as the angle splice version after installation. The Fibrlok angle splice is tested for premise and fiber-to-the-premise (FTTP) applications for indoor and outdoor locations. The splices are RoHS compliant.*

Used in conjunction with the Fibrlok Angle Splice Assembly Tool 2501-AS, and the Fiber Optic Angle Cleaver 2535 from 3M, the Fibrlok II Angle Fiber Splice 2529-AS or Fibrlok 2540-AS can fabricate an angle mechanical splice. The Angle Cleave Kit 2565 from 3M contains all of the tools necessary to terminate angle splices.

Millions of Fibrlok splices have proven their value in fiber-to-the-home installations in Asia where on-site splicing allows configuration of the fiber drop cable to meet the specific needs at the building.

For more information about this and other 3M Communication Markets Division products, visit www.3m.com/telecommunications.

*"RoHS Compliant 2002/95/EC" means that the product or part ("Product") does not contain any of the substances in excess of the maximum concentration values in EU Directive 2002/95/EC, as amended by Commission Decision 2005/618/EC, unless the substance is in an application that is exempt under EU RoHS. This information represents 3M's knowledge and belief, which may be based in whole or in part on information provided by third party suppliers to 3M.

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.

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 www.3M.com.

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Release Summary:

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