

## **3M Introduces LC and LC/APC No Polish Connectors for Fast, On-Site Installs Indoors and in the Outside Plant**

Further expanding its No Polish Connector line, 3M today introduced the new No Polish LC Connector for both multimode and singlemode fiber applications and the No Polish Connector LC/APC for singlemode fiber applications.

Both enable fast on-site installation of 250 micron and 900 micron terminations utilizing a one-piece, pre-assembled design. Like other members of the 3M No Polish Connector family, the newest connectors are designed to save installation technicians time while helping to minimize capital investment.

The LC NPC is tested for FTTP and premises applications for both indoor and outdoor locations and is available in SM, 62.5 micron, 50 micron and also 50 micron LOMMF (laser optimized multimode fiber) for 10 Gb applications.

The LC/APC NPC is available with a standard, flat splice configuration or with a keyed, angle -splice for excellent back reflection of less than -60 decibels. No Polish Connector LC/APC Flat Splice Connectors are designed to deliver excellent performance for digital transmission networks such as at an optical network terminal that requires a LC/APC termination. No Polish Connector LC/APC Keyed, Angle Splice Connectors from 3M are specifically designed for analog video transmission with very low optical reflection of less than -60 decibels across temperature extremes.

With a factory-polished ferrule assembly and mechanical splice technology, NPC connectors from 3M can be installed with a simple field tool in less than two minutes and eliminates the need for time-intensive polishing in the field. A streamlined boot attached to the body of the connector minimizes the chances of losing or forgetting to install the boot during connection. After installation, the boot will assist in maintaining the minimum fiber bend radius. No Polish Connectors from 3M meet EIA/TIA 568-B.3 and IEC requirements and are RoHS compliant 2002/95/EC.

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/](http://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 \$25 billion in sales, 3M employs 76,000 people worldwide and has operations in more than 60 countries. For more information, visit [www.3M.com](http://www.3M.com).

“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.

Release Summary:

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