

New No Polish Connector from 3M Makes Installation Fast and Easy

3M is adding a new no polish connector to its fiber connector family, enabling fast, on-site installation of single-mode and multimode connections. The 3M no polish connector utilizes a one-piece, pre-assembled design, eliminating field polishing and loose parts. Systems integrators and installers for communication companies and private networks will find this connector an easy way to make field terminations that improve cable management inside buildings or in the outside plant.

Fiber installers have historically installed connectors using field-polishing. With the factory-polished ferrule assembly and a mechanical splice, the 3M no polish connector can be installed quickly, without electrical power and using a simple tool, resulting in little setup time and capital investment.

A bell-shaped boot is permanently attached to the connector body so there is no chance of losing it or forgetting to install it before inserting the fiber. The bell feature maintains the minimum fiber bend radius for excellent strain relief.

The easy-to-use assembly tool allows the installer to align a prepared fiber in the connector and activate the splice and buffer clamp using the same tool. Finger grips on the tool make it easy to handle even without a flat work surface. A connector installation can be completed in less than two minutes.

Field installation of connectors makes it possible to have just the right cable length with no cable slack to store, which means reduced cable and storage costs.

3M Telecommunications

3M provides practical, scalable solutions to telecommunications service providers around the world. From military and government applications to aerial, underground and buried plant, to central office, utilities and more, it's the widest and most comprehensive suite of products, and it's all from 3M – a major force in the telecommunications industry for more than 100 years. Our proven systems optimize network testing, construction, locating and maintenance for faster, more reliable high-bandwidth transmissions. 3M provides physical media-layer capabilities for FTTP and DSL deployments from central office to customer premises. Worldwide customers rely on 3M fiber optics technologies to leverage existing infrastructure or install completely new networks.

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