

3M Extends Portfolio of Components for Fiber-To-The-Home Networks

3M Communication Markets Division recently introduced new fiber distribution boxes and terminals for service providers installing FTTH networks in multi-dwelling units (MDUs).

New Fiber Distribution and Cable Transition Boxes Feature Compact Utility

The Sub-compact Fiber Distribution Boxes PBPO 6-12 from 3M secure indoor connections between distribution and drop cables and are designed to enable service for up to 12 subscribers. Two versions of this box provide customers flexibility in the strain relief mechanism for drop cables; one through a strain relief solution which is internal to the box and the other which is external. A removable splice tray holder enables splicing on a nearby table while the hinged splice trays enable splicing of one or more new fibers without disturbing existing splices. The boxes also accommodate several splice trays for mechanical as well as fusion splicing.

As an indoor/outdoor FTTH branch point fiber distribution box, the Compact Fiber Distribution Box PBO T1 from 3M has splice capability for up to 36 single-fusion splices. Featuring a hinged cover that can be fixed in position, this box allows easy splicing of connections while the box is mounted. Other features include a splice tray holder with hinged trays and anchoring devices for distribution and drop cables. An optional security device on the latch provides added security. The Compact Fiber Distribution Box PBO T1 can be wall or pole mounted.

The Mini Cable Transition Box BTI secures connections between distribution and drop cables and is designed to enable service for up to four subscribers. With a compact size that respects building aesthetics and works well in confined spaces, this box secures connections between distribution and drop cables and can enable direct-spliced service of up to four subscribers. Wall-mounted and suitable for indoor and outdoor use, the new cable transition boxes are used on the building exterior outside a living unit to transition from outdoor to indoor cable.

New Fiber Distribution and Cable Transition Terminals Ideal for Tight Spaces

The new Sub-compact Fiber Distribution Terminal PBPOC 6-12 from 3M secures indoor connections between distribution and drop cables and provides a test access point at the fiber distribution terminal. It is designed to enable service for up to 12 subscribers. Additional features include a removable splice tray holder for splicing on a nearby table, hinged splice trays to enable splicing of one or more new fibers without disturbing existing splices and accommodations for several splice trays for use with both mechanical and fusion splicing.

The Sub-compact Cable Transition Terminal FTB-M from 3M secures connections between distribution and drop cables and provides a test access point outside the residence. It also features a rubber gasket for increased environmental protection and a cable anchoring device to ensure the appropriate fiber bend radius as cables transition from the enclosure through the building wall. Additionally, the Sub-compact Cable Transition Terminal FTB-M can terminate up to four fibers with standard SC connectors or field terminated SC No Polish Connectors from 3M. It can also accommodate four 3M Fibrlok Splice Sleeve holders if direct splicing of distribution and drop cables is desired.

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 www.3M.com.

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Release Summary:

3M Communication Markets Division recently introduced new fiber distribution boxes and terminals for service providers installing FTTH networks in multi-dwelling units (MDU).

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