3M Introduces Fiber Dome Closures

The new compact 3M fiber dome closures FDC 08 and FDT 08 are hermetically sealed dome closures for aerial, buried and underground applications. These closures meet the needs of anyone using fiber optic closures in the long haul, metro, HFC and FTTP feeder and distribution plant.

The compact closures do not require special tools, which can reduce tooling costs and allows for ease of installation and re-entry into the closure. The 3M FDC 08 and FDT 08 closures feature a fixed-position o-ring sealing system along with a simple dome-latching mechanism. This combination makes possible simple, error-free closure sealing and re-entry.

3M fiber dome closures utilize an ECAM (external cable assembly module) built-in cable-entry port system. The ECAM design allows true plug-and play capability, which can reduce installation and labor costs because the cable preparation and installation are completed outside the closure body. This ECAM system allows the technician to add and remove cables from the closure without breaking the cable seals of existing cables.

The 3M fiber dome splice closure portfolio consists of the FDC 08 and the FDT 08. The FDC 08 is equipped with one oval port that accommodates up to two 1.06-inch (27mm) cables, two round ports for cables up to 0.72-inch (18mm) in diameter and one round port for cables up to 0.47-inch (12mm) in diameter. The FDT 08 is equipped with eight 0.47-inch (12mm) ports and one oval port that accommodates up to two cables with diameters up to 0.80-inch (20mm) diameter cables. The maximum splice capacity for the FDC 08 and FDT 08 is 96 single fusion and 288 mass fusion splices.

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.

About 3M - A Global, Diversified Technology Company

Every day, 3M people find new ways to make amazing things happen. Wherever they are, whatever they do, the company's customers know they can rely on 3M to help make their lives better. 3M's brands include Scotch, Post-it, Scotchgard, Thinsulate, Scotch-Brite, Filtrete, Command and Vikuiti. Serving customers in more than 200 countries around the world, the people of 3M use their expertise, technologies and global strength to lead in major markets including consumer and office; display and graphics; electronics and telecommunications; safety, security and protection services; health care; industrial and transportation. For more information, including the latest product and technology news, visit www.3M.com.

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