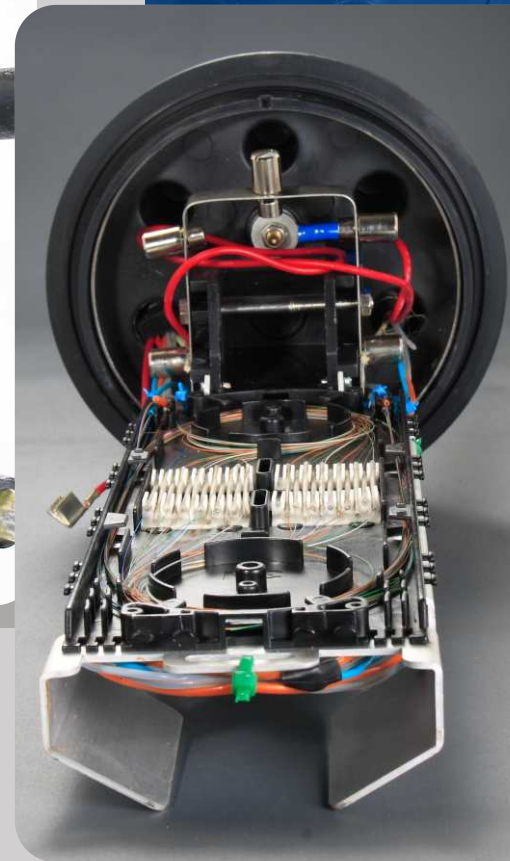




2179-CD Series Fiber Optic Splice Closure



Robust and reliable Splice protection
for fiber optic networks



3M Telecommunications presents the 2179 CD fiber optic splice closure for telecom outside plant in **Fiber Optic networks.**

The 2179 CD is designed to be used in any environment (aerial, pedestal, buried, handhole, manhole). It is well suited to accommodate a maximum of 96 fibres for various splice applications such as **track (backbone), spur (branch) or distribution points.**

3M's proven mechanical sealing technology for the base-to-dome sealing provides for easy installation & re-entry. Cable ports can be sealed using the robust & reliable heat shrink mechanism.

2179 CD Fiber Optic Splice Closure

The 2179 CD fiber optic splice Closures protect fibre optic splices from the elements while providing fast and easy no-cost reentry. The closure comprises a plastic moulded dome shaped housing with fibre management trays attached to an end cap. There are 5 round cable entry ports and a single oval cable entry port for the main distribution cable. These ports can be sealed using heat shrink sleeves & a blow torch. No special tools are required for assembly & re-entry.

Available in different configurations, the 2179 CD can accommodate various cable constructions and splice capacities. Each tray is designed to hold a maximum of 24 fibers.

There is a provision for fiber slack storage (beneath the tray holder) for expressed stranded fiber. The slack storage and splice capacity depends on factors such as cable construction, splice type and slack fiber lengths.

Highlights

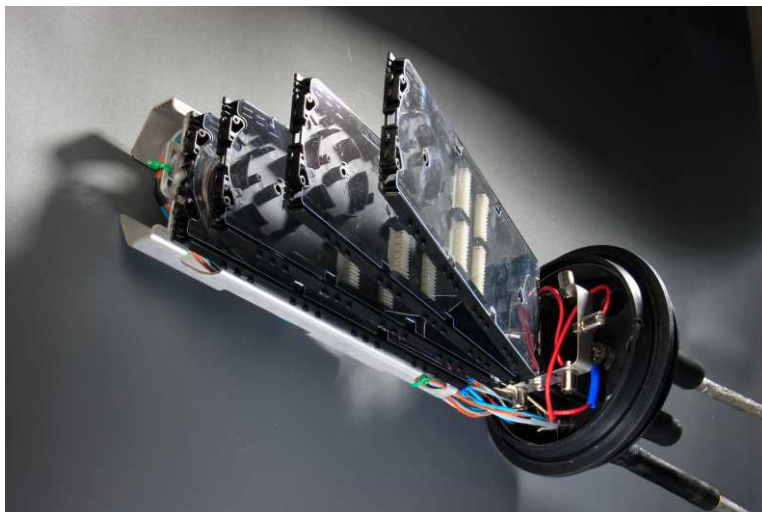
- ▶ **Proven 3M sealing technology**
High product reliability; minimized maintenance costs
- ▶ **Easy installation**
No special tools required for installation
- ▶ **Ready access**
No-cost re-entry to splices; craft friendly
- ▶ **Flexible fibre management**
Accommodates a variety of cable sizes
- ▶ **Flexible splice capability**
up to 96 fibres in single fusion splices
- ▶ **Minimal training**
Cost savings
- ▶ **Rugged and versatile design**
One system fits all; inventory costs savings environments



Features

	3M 2179 CD Closure
Dimensions (LxH) mm (in)	510x180 (20.1x7.1)
Cable Entry Ports & Size	Round Ports : 5 8 to 20mm (0.2"x0.76")
	Oval Ports : 1 10 to 25mm (0.4"x1.0")
Closure Material	Polypropylene
Closure Sealing System	O-Ring & Clamping System - Mechanical Seal
Cable Sealing System	All Ports: Heat Shrink
Tools Required for Installation	Hot Air Gun, Hacksaw, Screw driver
Number of Splice Trays	4
Splice Capacity	Single fusion splices: 96
Bonding & Grounding	# of Feed-Thru Lugs: 0 or 2
Flash Test	Yes; 10 PSI

Fiber Management on splice trays



The fiber splice trays in 2179 CD closures can accommodate up to twenty four fusion splice sleeves in each tray. The trays are hinged at one end to facilitate access of each tray without disturbing the other trays, buffer tubes, or introducing losses. In addition, any fibre from a tray can be spliced to any other fiber on another tray easily due to the way the trays are stacked.

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Note: Product specifications and descriptions in this document are subject to change.

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