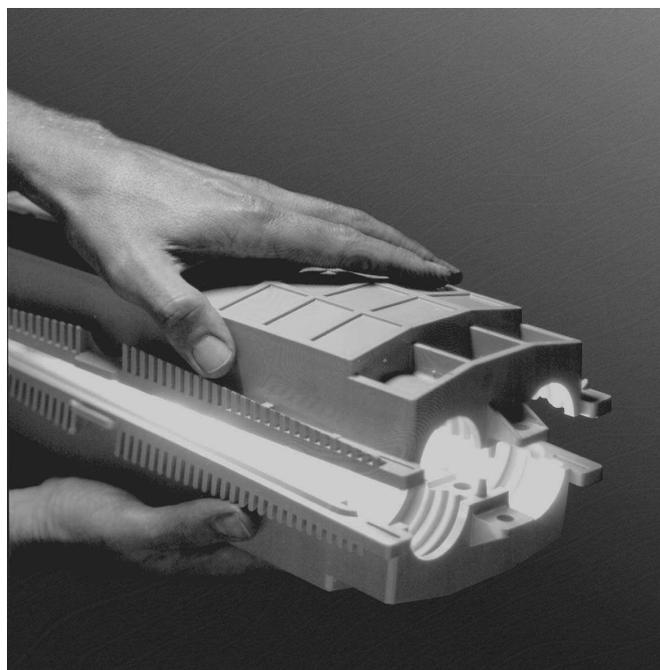


3M 2179CS Fiber Optical Closure

3M 2179CS series is a versatile closure systems for protecting fiber optic splices. The 2179CS closures is economical closure which is available in one size, from one stock, in a kit that includes all the components required for quick and easy installation. The 3M 2179CS closure is an IP68 enclosure system which can organize and protect fiber optic splices in the outside plant and inside buildings for up to 48 single fiber optic splices

Applications

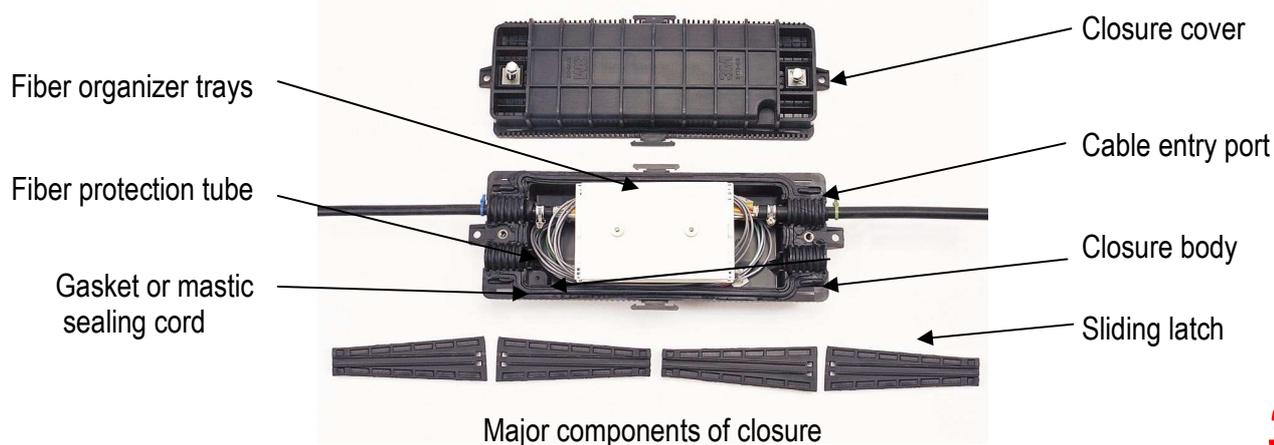
- * Inline and Butt configuration closure for single and ribbon fibers splice
- * Outside plant direct buried, underground, aerial and pedestal application
- * Inside building installation
- * Fiber trunks and access network
- * FTTx application for fiber distribution and drop



Features

Benefit

Meets major international standards (Telcordia GR7711, IEC...)	High quality and performance for universal applications
IP68 ingress protection level	Excellent ingress protection
Compact size (44.7cmx17.52cmx10.67cm)	Suitable for limited space application
Full mechanical and Gasket or mastic cord sealing	No special tool needed, Easy and low cost re-entry
Multiple cable entry options	Butt or in-line configuration for splicing
Two halves (cover and base) structure	Full open to operator, easy fiber management
Sliding latch mechanism for closure sealing	Easy installation, no special tool needed



The Specification of 2179CS Closure

Physical specifications

Closure body material	Molded plastic (Polypropylene)
Outside dimension (LXWXH)	399x175x106mm (15.7" x 6.9"x 4.2")
Inside dimension (LXWXH)	295x120x 84mm(12"x4.7"x 3.3")
Weight (without kit)	1715g
Number of cable entry ports	4 ports, (2 on each side)
Cable diameter	10--25 mm (0.4 – 1 inch)
Case fastening bolts/nuts, air valve	Stainless steel (air valve is optional)
Closure sealing cord/tape	Mastic or gasket sealing core (according to customer requirement)
Sealing sliding latch /Plugs PBT	engineering thermo

Technical specifications

1 Cable tensile strength	30kPa, 1000N for 1min, No apparent splice case degradation happened. No leakage.
2 Cable compression .	2000N, 1min, on 40x10cm plate. No apparent splice case degradation happened. No leakage.
3 Vibration	30kPa; A=+/-3mm, f=10Hz, 10min, No apparent splice case degradation happened. No leakage.
4 Cable Flexing	30kPa, 150mm, +/-45degree, 10Cy., No apparent splice case degradation Happened. No leakage
5 Cable torsion	30kPa, 500mm, +/-90 degree, 10Cy. No apparent splice case degradation happened. No leakage
6 Re-entry (Gasket ver.)	Three repeated re-entry, 30kPa, water immersion for 15min. Leakage less than 5kPa.
7 Temperature cycling	-40°C-65°C, 10Cy., Then fill 30kPa air-pressure. Leakage less than 5kPa.
8 Impact	-20°C, 30kPa, 1kgm vertical impact. No apparent splice case degradation happened. . No leakage.
9 Water	Water depth 6m, 7 days, without water intrusion immersion.
10 Airtight	30kPa, Room temperature, 15 min. No apparent splice case degradation Happened. Leakage less than 5kPa
11 Insulation	Water depth 1.5m, 24hours, 500VDC for 1min,R>20000Mohm@500VDC
12 Chemical Resistance	30kPa, 5%HCl , 5%NaOH,5%NaCl for 24hours. Without corrosion And leakage.
14 Dielectric strength	Water depth 1.5m, 24hours, 15kVDC for 2 min,. No breakdown and flash-over.

Organizer trays

3M 2524SR fiber organizer trays

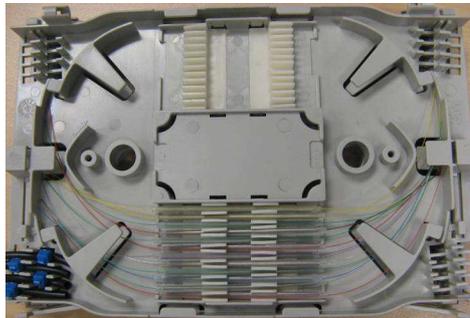
Meets all international standards for bend diameter	Safe and easy installation and maintenance
Four direction for fiber entry/exit	Flexible in fiber management
Modular design of the splice holder (single fusion, mass fusion, mechanical splice)	Accommodates all types of splices
Stackable hinged trays	Easy access without removing other trays
Splicing capacity of 2524SR fiber organizer tray	24 fiber , single fusion
	10 ribbons, @ 8/12 fibers/ribbon (80/120 fibers)
	12 ribbons, @ 4/6 fibers/ribbon (48-72 fibers)
Splicing capacity of 2524SR-S fiber organizer tray	12 fiber , single fusion

3M 2179CS Fiber Optical Closure Ordering information

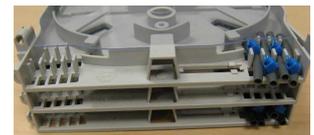
Standard configuration closures and trays	Closure capacity	MOQ
XS003822458-2179CS Mastic sealing, with 1ea 2524SR Tray, air valve, no ground lug	24, single fiber	10ea
XS003822474-2179CS Mastic sealing, with 2ea 2524SR trays, air valve, no ground lug	48, single fiber	10ea
XS003874335-2179CS Gasket sealing, with 1ea 2524SR tray, air valve, no ground lug	24, single fiber	10ea
XS003874707-2179CS Gasket sealing, with 2ea 2524SR trays, air valve, no ground lug	48, single fiber	10ea
XS003874046-2524SR tray, with 24ea 2.4mm single fusion protection sleeves	24, single fiber	50ea
XS003874038-2524SR tray, with 24ea 3.0 mm single fusion protection sleeves	24, single fiber	



Parts of closure



2524SR top view



2524SR side view

3M 2179CS Fiber Optical Closure Ordering information

Other accessories		MOQ
XS003822425-2179CS pole mount kit	Pole mount kit	10ea
XS003823175-2179CS wall mount kit(2198A)	Wall mount kit	10ea
XS003820312-2178CS Aerial (string) mount kit	String mount kit	10ea
XS003826558-2170S-2.4/60-HS-SLEEVES, 2.4mmX60mm single heat shrink sleeve	Single fiber	1,000ea
XS003826566-2170S-2.4/45-HS-SLEEVES, 2.4mmX 45mm single heat shrink sleeve	Single fiber	1,000ea
XS003854709-2170M-8/12-HS-SLEEVES, 8/12 fiber ribbon fiber heat shrink sleeve	8/12 fibers/ribbon	1,000ea
XS003854691-2170M-2/6-HS-SLEEVES, 4/6 ribbon fiber heat shrink sleeve	4/6 fibers/ribbon	1,000ea



String mount kit



Wall mount kit



Protection sleeve

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