

3M™ Pressurized Closures 51P Series

The 3M™ Pressurized Closures 51P Series offers a complete pressure-tight closure system for protecting spliced communication cables in a wide range of applications.

Features

- Constructed from impact and corrosion resistant plastic
- Grounding harness is pre-attached to the closure half
- Provides ultra-violet protection
- Available with internal or external sheath retention
- All assembly bonding and mounting hardware is included in kit
- Lightweight
- Pressure tight
- Reenterable and reusable
- Piece parts available
- RoHS Compliant*



3M™ Pressurized Closure System 51P Series

Applications

- Aerial
- Handhole
- Underground

Sizes

- Three sizes will accommodate cable diameters for 0.4" (10 mm) to 2.8" (71 mm) and splices up to 1800 pairs
- May be used for sheath openings of 13" (330 mm) or less to a maximum of 19" (483 mm)
- Can be used in straight or branch splice configurations

3M Pressurized Closure 51P Series Specifications

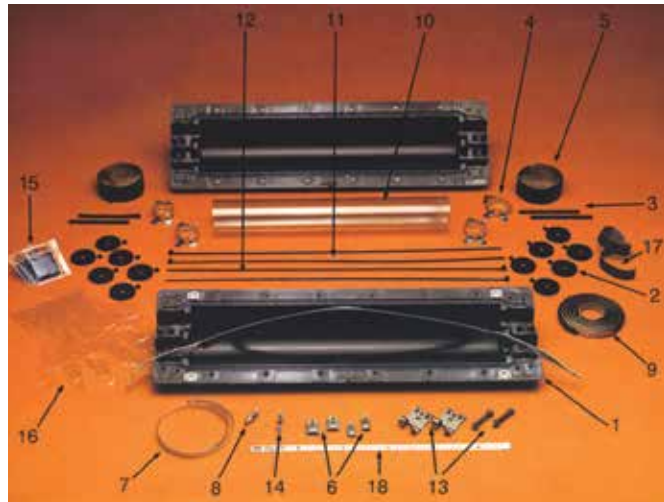
Product Number	Sheath Opening In. (mm)	Max. Cable Sheath Dia. 24. Ga.	Max. Number of Cable Pairs 26 Ga.	Inside Diameter In. (mm)	(L) Length In. (mm)	(H) Height In. (mm)	(W) Width In. (mm)
For Straight and Two Port Branch Splice Configurations							
51AA3P-510	13" (330)	1.0" (25)	100 200	3.0" (76)	21.5" (546)	5.5" (140)	4.5" (114)
51B3P-510	19" (483)	1.6" (25)	400 600	5.0" (127)	28.5" (724)	8.0" (203)	5.5" (140)
51D3P-510	19" (483)	2.8" (25)	1500 1800	7.25" (184)	28.5" (724)	10.25" (260)	7.75" (197)

* Maximum number of cable pairs based on using 25-pair modular connectors for in-line splice.
Note: 24 gauge=0.51 mm, 26 gauge=0.40 mm

3M™ Pressurized Closure 51P Series

Kit contents:

1. Cover assembly with bond braid and insulation (attached)
2. Universal slotted washers for sealing cable entrances and internal sheath retention
3. Foam tape for internal sheath retention
4. Internal sheath retention assembly
5. Sealing tape for cable collar build up
6. 3M™ Scotchlok™ Shield Bond Connectors
7. External grounding ribbon
8. Pressure valve with nut and washer
9. Sealing cord for sealing cover halves
10. Transparent splice wrap
11. Cable ties to secure transparent wrap
12. Cable ties to secure back cover half
13. Aerial hanger assembly
14. Solid bond connector and nut
15. Solvent cleaning wipes
16. Plastic gloves
17. Cable sheath scuff
18. Cable diameter measuring tape
19. Installation instructions (not shown)



3M™ Pressurized Closure 51P Series

Tools Required (not included with closure kits)

- 3M™ Washer Cutter Tool WCT11K
- Screwdriver
- Snips
- Speed wrench
- Knife
- Tabbing shears
- Can wrench with 3/8" (9.5 mm) and 7/16" (11 mm) ends
- Torque wrench (250 in•lbs) (2.9 kg•m)
- 3" socket extender
- 1/2" (13 mm) and 7/16" (11 mm) deep wrench sockets

Ordering Information

Product Number	Description	3M ID	Min. Order
51AA3P-510	Inline/branch closure for up to 200 pair	80-6110-4195-7	1
51B3P-510	Inline/branch closure for up to 600 pair	80-6110-4200-5	1
51D3P-510	Inline/branch closure for up to 1800 pair	80-6110-4204-7	1

*RoHS 2011/65/EU" means that the product or part does not contain any of the substances in excess of the maximum concentration values ("MCVs") in EU RoHS Directive 2011/65/EU. The MCVs are by weight in homogeneous materials. This information represents 3M's knowledge and belief, which may be based in whole or in part on information provided by third party suppliers to 3M.

3M and Scotcklok are trademarks of 3M Company.

Important Notice

All statements, technical information, and recommendations related to 3M's products are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use. Any statements related to the product which are not contained in 3M's current publications, or any contrary statements contained on your purchase order shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer of 3M.

Warranty; Limited Remedy; Limited Liability.

This product will be free from defects in material and manufacture for a period of one year from the time of purchase. **3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. **Except where prohibited by law, 3M will not be liable for any loss or damage arising from this 3M product, whether direct, indirect, special, incidental or consequential regardless of the legal theory asserted.**



Communication Markets Division

6801 River Place Blvd.
Austin, TX 78726-9000
800/426 8688
Fax 800/626 0329
www.3M.com/Telecom

Please recycle. Printed in U.S.A.
© 3M 2014. All rights reserved.
80-6114-9893-4