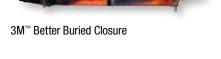


3M[™] Better Buried Closures

Buried Compound Compression/Gravity Fill Closure

The 3M[™] Better Buried Closure's versatile design meets most cable size requirements for buried inline, tap, butt splices, cable and sheath repair. Eight standard sizes and five end cap configurations allow you to protect buried splices of almost any practical length and diameter. Better buried closures use compound compression or a gravity fill method of encapsulating and protecting the cable splice. Better Buried Closures use either 3M[™] MS^{2™} 25-pair Splicing Module or 3M[™] Scotchlok[™] Connector UR2/UR.



Product Features

Better Buried End Caps

Tapered end caps can be trimmed and slit for exact cable size required. Single, double and triple entry styles are available dependent on size. When adding a branch cable to an existing cable, grooved end caps can be easily split in the field and quickly released with Locking "H" strips provided in each kit.



Kit for 3M™ Better Buried Closure

3M Scotchcast™ Strain Relief Bars

Strain relief bars can be installed on a simple or double sheath cable to protect the splice from electrical interference and damage from the cable tension. The aluminum strain relief bar assemble includes hose clamps and an insulation sleeve.

3M Scotchcast Spacer Web 4430

Spacer web is designed to protect splice connectors by positioning them away from the closure walls. Better coverage is achieved because compound flows around the complete bundle.

- Protects splice components
- Enhanced coverage

Hose Clamps

Hose clamps secure the closure body and end caps.

- Corrosion resistant
- Easy to install
- Re-enterable



$\mathbf{3M}^{\scriptscriptstyle\mathsf{TM}} \ \mathbf{Better} \ \mathbf{Buried} \ \mathbf{Closures} \ \mathbf{Product} \ \mathbf{Specifications}$

Closure End Cap Port Diameters					Maximum Splice Openings			Approx. Amount of
Closure Size	Single Entry	Multiple Entry (Max.)			Single Sheath	Double Sheath		Comp. Required (Ave. Splice)
	(Max.)	1	2	3		Outer	Inner	
2" x 12" (50 x 305 mm)	1.2" 30 mm	1.2" 30 mm	0.7" 18 mm	-	5" 127 mm	-	-	21 oz. 600 gms
2" x 24"	1.2"	1.2"	0.7"	-	17"	17"	14"	42 oz.
(50 x 610 mm)	30 mm	30 mm	18 mm		432 mm	432 mm	356 mm	1200 gms
3" x 24"	1.6"	1.6"	1.0"	-	17"	17"	14"	106 oz.
(76 x 610 mm)	41 mm	41 mm	25 mm		432 mm	432 mm	356 mm	3000 gms
4" x 24"	2.0"	2.0"	1.5"	-	17"	17"	14"	159 oz.
(102 x 610 mm)	51 mm	51 mm	38 mm		432 mm	432 mm	356 mm	4500 gms
5" x 26"	2.4"	2.4"	1.8"	-	19"	19"	16"	254 oz.
(127 x 660 mm)	61 mm	61 mm	46 mm		483 mm	483 mm	406 mm	7200 gms
6" x 26"	3.3"	2.7"	2.0"	1.5	19"	19"	16"	441 oz.
(152 x 660 mm)	84 mm	68 mm	50 mm	40 mm	483 mm	483 mm	406 mm	12500 gms
7" x 26"	3.5"	3.5"	2.2"	2.2	19"	19"	16"	530 oz.
(178 x 660 mm)	89 mm	89 mm	56 mm	56 mm	83 mm	83 mm	406 mm	15000 gms
9" x 26"	4.0"	4.0"	2.5"	2.5	19"	19"	16"	742 oz.
(229 x 660 mm)	102 mm	102 mm	64 mm	64 mm	483 mm	483 mm	06 mm	21000 gms

Maximum Splice Bundle Capacities

Connector	2" x 12"	2" x 24"	3"x 24"	4" x 24"	5" x 26"	6" x 26"	7" x 26"	9" x 26"
	50 x 305 mm	50 x 610 mm	76 x 610 mm	102 x 610 mm	127 x 660 mm	152 x 660 mm	178 x 660 mm	229 x 660 mm
3M [™] MS ^{2™} Splicing Module 4000-DWP	50 pair 0.5 mm (24 AWG) UY Only	100 pair 0.5 mm (24 AWG)	200 pair 0.5 mm (24 AWG)	400 pair 0.5 mm (24 AWG)	600 pair 0.5 mm (24 AWG)	900 pair 0.5 mm (24 AWG)	1200 pair 0.5 mm (24 AWG)	2400 pair 0.4 mm (24 AWG)
3M [™] Scotchlok [™]	25 pair	50 pair	100 pair	200 pair	300 pair	400 pair	600 pair	900 pair
Connectors UR	0.6 mm	0.6 mm	0.6 mm (22	0.6 mm	0.6 mm	0.6 mm	0.6 mm	0.6 mm
(w/ 3" pigtails)	(22 AWG)	(22 AWG)	AWG)	(22 AWG)	(22 AWG)	(22 AWG)	(22 AWG)	(22 AWG)

3M™ Better Buried Closure Kit Concept

All Better Buried closures are packaged in a kit to create a "one number" ordering system, which helps reduce inventory maintenance and helps reduce the chance of ordering incorrect components. For special applications, components can be ordered separately.

3M[™] Better Buried Closures Kit Components

Kit Components	B.B. SB/2SC 2"-5" (50-127 mm)	B.B. SB/SC, DC 2"-5" (50-127 mm)	B.B. SB/2DC 6"-9" (152-229 mm)	B.B. SB/DC, TC 7"-9" (178-229 mm)	B.B. Sleeve Kit 2"–9" (50-229 mm)
Closure body	1	1	1	1	1
End cap, single (SC)	2	1			
End cap, multiple (DC) (TC)	1	2	2		
Spacer web (SW)	1	1	1	1	1
Strain relief bar (SB)	1 or 2	1 or 2	2	2	
Hose clamps, closure	3	3	3	3	3
Hose clamps, strain bar	2	2	2	2	
Funnel	1	1	1	1	1
Snap-in cap	2	2	2	2	2
Locking "H"	2	3 or 4	4	5	
Foam strips	1	1	1	1	

3M™ Better Buried Closure Kits with 3M™ High Gel Re-enterable Encapsulant 8882

Better Buried Series closure kits with 8882 High Gel are available in five sizes that contain all* the components needed to complete the installation process.

Ordering Information

Product Number	Description	3M Stock Number	Min. Order
BB2x12/8882/High Gel	2" diameter by 12" closure length Splice capacity: 25-pair 3M™ Scotchlok™ Connector; 50-pair 3M™ MS2™ Splicing Module 2" end cap; one port in, two ports out	80-6111-4782-0	1 kit
BB2x24/8882/High Gel	2" diameter by 24" closure length Splice capacity: 50-pair 3M™ Scotchlok™ Connector; 100-pair 3M™ MS2™ Splicing Module 2" end cap; one port in, two ports out	80-6111-4783-8	1 kit
BB3x24/8882/High Gel	3" diameter by 24" closure length Splice capacity: 100-pair 3M™ Scotchlok™ Connector; 200-pair 3M™ MS2™ Splicing Module 3" end cap; one port in, two ports out	80-6111-4784-6	1 kit
BB4x24/8882/High Gel	4" diameter by 24" closure length Splice capacity: 200-pair 3M™ Scotchlok™ Connector; 400-pair 3M™ MS2™ Splicing Module 4" end cap; one port in, two ports out	80-6111-4785-3	1 kit
BB5x26/8882/High Gel	5" diameter by 26" closure length Splice capacity: 300-pair 3M™ Scotchlok™ Connector; 600-pair 3M™ MS2™ Splicing Module 5" end cap; one port in, two ports out	80-6111-4786-1	1 kit

^{*}except modules, which can be ordered separately

3M[™] Better Buried Closure Kits with 3M[™] High Gel Re-enterable Encapsulant 8882 include the following materials:

- 3M[™] Scotchlok[™] Shield Bond Connectors
- 3M[™] Better Buried Sleeve Kits (Closure Extension)
- 8882 High Gel Encapsulating Compound (re-enterable)
- Hose clamps
- Scotch® Vinyl Tape 88T
- 3M[™] Scotchcast[™] Spacer Web 4430 (for re-entry only)
- DR Tape
- · Sheath scuff material
- Scotch® Linerless Rubber Splicing Tape 130C
- 3M[™] Scotchcast[™] Pair Saver 4458 or 4458W
- Scotch® Rubber Splicing Tape 23
- 3M[™] Scotchcast[™] Strain Relief Bar Kits 4465 or 4465-L
- · B Sealing Tape
- · Bonding braid
- 3M[™] Better Buried End Caps (bulk) 1 port and 2 ports (1 in and 2 out)
- Funnel
- Closure body

3M, Scotchlok, Scotchcast and MS2 are trademarks of 3M Company. Scotch is a registered trademark 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 12 months 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 indirect, special, incidental or consequential regardless of the legal theory asserted.



Communication Markets Division 3M Telecommunications 6801 River Place Blvd. Austin, TX 78726-9000 800/695 0447 Fax 800/626 0320