

Communication Markets Division

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™ MS2™ 25-pair Splicing Module or 3M™ Scotchlok™ Connector UR2/UR.



3M™ Better Buried Closure

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.

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

3M™ Better Buried Closures Product Specifications

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

Maximum Splice Bundle Capacities

Connector	2" x 12" 50 x 305 mm	2" x 24" 50 x 610 mm	3" x 24" 76 x 610 mm	4" x 24" 102 x 610 mm	5" x 26" 127 x 660 mm	6" x 26" 152 x 660 mm	7" x 26" 178 x 660 mm	9" x 26" 229 x 660 mm
3M™ MS2™ 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™ Connectors UR (w/ 3" pigtails)	25 pair 0.6 mm (22 AWG)	50 pair 0.6 mm (22 AWG)	100 pair 0.6 mm (22 AWG)	200 pair 0.6 mm (22 AWG)	300 pair 0.6 mm (22 AWG)	400 pair 0.6 mm (22 AWG)	600 pair 0.6 mm (22 AWG)	900 pair 0.6 mm (22 AWG)



Kit for 3M™ Better Buried Closure

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.

**except modules, which can be ordered separately*

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™ MS ^{2™} 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™ MS ^{2™} 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™ MS ^{2™} 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™ MS ^{2™} 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™ MS ^{2™} Splicing Module 5" end cap; one port in, two ports out	80-6111-4786-1	1 kit

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

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