1.1 These instructions provide the information necessary for the installation of the 3M™ Cross-Connect Cabinets (QCS) 2810 Blocks. The cabinets are available empty.

1.3 Cabinet mounting methods. Choose and procure materials for one of the following mounting methods.

- 1-1/8" K.O. (2)
- 3M™ Scotchlok™ Shield Bond Connectors
- 1/2-13 UNC anchor inserts (4)

3M™ Cross-Connect Cabinets SVC

Maximum 300pr

3M™ Cross-Connect Cabinets SVB Series

Cabinets with 3M™ Quick Connect System (QCS) 2810 Blocks

c. 4220SVB Riser
b. SVE

2.3.4 3M™ MS2 Stake Mount Kit 4056-SVS2

3.22 AC JBOXO (outdoor box)

3.4 3M™ MS2 Stake Mount Kit 4056-SVS2

3.6 Caps for 3M™ Quick Connect System (QCS)

4.1 3M™ Splice Head 4041 - For splicing 3M™ MS2™ Modules

4.2 3M™ Single Pair Test Probe

3.23 Cable/Pair count labels

4.3 3M™ Flexible Port Entry Kit 4297-FPE

5.0 Cabinet Mounting with Stakes, Pole/Post/Wall Mount Kit 3.01-3.05

5.6 The stakes will be located on the outside of the cabinet. Properly locates the anchor bolts. *Use care when lifting as there are no safety brackets. *When using post grades 3L or 4L, purchase cable tie system to secure to post grades 3L and 4L. Stablizer/Skirt Kit

7.0 Pour in Place Concrete Mounting Pads for 3M™ Cross-Connect Cabinets

7.1 Pour in place concrete around the inside of the cabinets. Follow your company practice.

8.0 Electrical

8.4 The electrical drop should be located near the cabinets. Include the electrical drop and other overhead. Remove the bottom center bolt and stake and secure to the cabinet. Mounting ring upside down on gravel and position the cabinet. The head of the carriage bolt must be to 3/4" for SVB/SVC riser with 4369 - 250' 22 AWG red/white jumper wire

8.6 Lift cabinet into place. Refer to your company practice.

710 Connectors.
1.0 Mounting Range 8.0 3M™ Cross-Connect Cabinet
2.0 Mounting Height

Note: For detailed mounting and use, See 3M Fiber Distribution Terminal PEPC Installation.

3.0 3M™ Fiber Distribution Terminal PEPC Installation
4.0 3M™ System Guide

5.0 3M™ Cross-Connect Cabinet Installation

6.0 3M™ Cross-Connect Cabinet Installation
7.0 3M™ Cross-Connect Cabinet Installation

8.0 3M™ Cross-Connect Cabinet Installation

9.0 3M™ Cross-Connect Cabinet Installation

10.0 Riser Hand Hole and Pad Mount Installation

11.0 Rear Cable Access Cover Installation

12.0 Electrical Box Installation

13.0 3M™ Fiber Distribution Terminal PEPC Installation

14.0 DSLAM Installation

15.0 Cable Port Sealing

16.0 Shield Bonding

17.0 Cable Termination to the 3M™ Quick Connect System (GCU) 2810 Blocks

18.0 Identification of 3M™ Quick Connect System Blocks Using Number Labels

19.0 Jumpers Installation and Routing of the 3M™ Quick Connect System (GCU) 2810 Blocks

20.0 Accessories Installation of the 3M™ Quick Connect System (GCU) 2810 Blocks

Note: If a lift boom truck is used, reposition the two side lifting straps for attachment of a sling. Attach lift device (sling) to cabinet lift straps bolted to the sides of the cabinet. Replace the hardware and tighten.

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