HUBBELL®	Hubbell Premise Wiring Instruction Sheet	Control No.	**77856101**	
	FIBER WALL MOUNT CABINET - FTU SERIES	Rev. **G**	Date:	**09FEB09**

1.0 Scope

This instruction sheet applies to the following HPW part numbers:

Base Unit Cabinets   FTU2SP
                            FTU4SP

FSP Series   FSPST6X   FSPST6   FSPSCDY3   FSPSCD3X
Adapter Panels*   FSPSCD3   FSPSCDO3   FSPB   FSPFC6

Splice Trays   STRAY12F   STRAY12M

*Contact HPW for information on additional adapter panels available for these products.

2.0 General Information

The FTU series of cabinets are wall-mountable termination and cable management products that will support single-mode or multi-mode applications. Both FTU cabinets accept FSP Series adapter panels. FSP Series adapter panels contain adapters having high-quality phosphor bronze alignment sleeves and may be used in most single-mode and all multi-mode applications. The FTU4SP enclosure also has a splice tray mounting stud for installing two 7" 12-fiber splice trays. The FTU2SP enclosure cannot accommodate splice trays.

3.0 Bill of Material

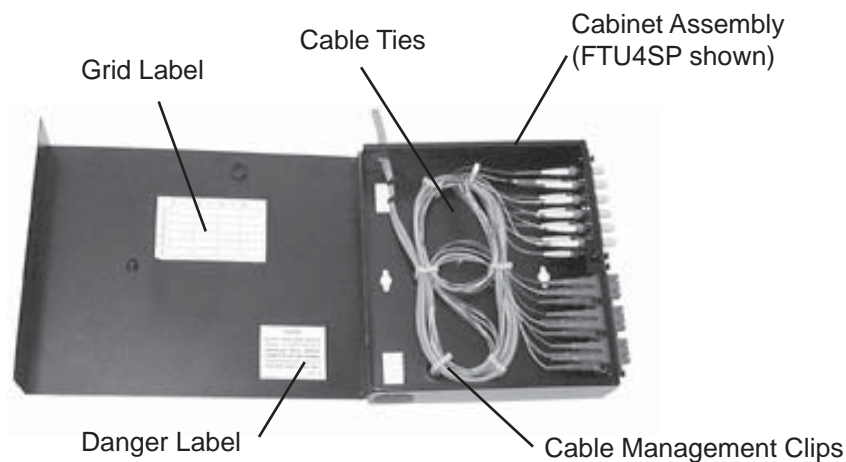All FTU series enclosures are shipped with the following parts:

FTU2SP Accessory Pack		FTU4SP Accessory Pack	
Item	Qty	Item	Qty
Instruction Sheet	1	Instruction Sheet	1
Snap In Wire Clips	3	Snap In Wire Clips	6
Spare Door Fastener	1	Splice Tray Stud	1
Grommet	1	Wing Nut	1
Danger Label	1	Spare Door Fastener	1
Grid Label	1	Grommet	1
Wire Ties, 10"	4	Danger Label	1
		Grid Label	1
		Wire Ties, 10"	8

4.0 Cabinet Preparation and Mounting

4.1. Wall mounted cabinets should be placed after careful review of incoming cable and patch cord routing. There should be at least one meter of incoming cable available for use in terminating. This cable will be stripped to expose the fibers and the fiber slack will be stored in the cabinet. (Please review the illustration under "Cable Installation".)
Also note that the FTU cabinets may be stacked for higher fiber counts and future growth. Leaving appropriate space above the first installed cabinet will permit the addition of cabinets when needed.

4.2. The FTU cabinets are fully assembled and ready for mounting on the wall. Use fasteners appropriate for the wall construction. The cabinet may be used as a template for positioning the wall fasteners.

4.3. After the cabinet is secured to the wall, the loaded six-pack adapter panels may be attached. The grid and danger labels should be placed for convenience. Install cable management clips if needed. (If splice trays are to be used in the FTU4SP cabinet, install the splice trays first. See Section 6.0.)

5.0 Cable Installation (refer to illustration below)

5.1. Carefully feed approximately 54 inches (if available) of cable through the port in the cabinet. Mark the cable jacket where it will tie to the cable tie bracket.

5.2. Carefully remove the jacket and all strength members to a point above (closer to the end) of the tie down point. (You will place the cable tie on jacketed cable.) Follow the cable manufacturer's recommendations for stripping and cleaning the cable, if necessary.

5.3. Secure the cable to the cable tie bracket as illustrated. Do not over tighten the cable ties!

5.4. Loosely route fibers around the fiber management clips to determine the best length for terminating and storing the fiber slack. Trim the fibers, if necessary, and remove from the clips.

5.5. Terminate the fibers according to the connector manufacturer's recommendations. *It is the responsibility of the installer to determine the proper method of termination, including whether additional supportive materials (break-out kits) are required.*

5.6. When all fibers are terminated, clean the connectors and insert them into the appropriate adapters. Then, gently route the fiber slack into the management clips.

Grid Label   Cable Ties   Cabinet Assembly (FTU4SP shown)

Danger Label   Cable Management Clips

6.0   Splice Tray Mounting and Capacity (refer to illustration below)

6.1. The FTU4SP enclosure is capable of holding two 7" splice trays. When installing splice trays in the enclosure, place the splice trays in the position shown below. **Do not install the snap-in routing clips in the top four positions.**

6.2. Each 7" splice tray can accommodate up to 12 splices.   The tray with the "F" suffix will hold most common fusion splice protection sleeves including heat shrink, glass, and hinged adhesive types. The tray with the "M" suffix will hold mechanical splices from most major manufacturers.

Cable Tie   Splice Tray

Adhesive Routing Clip

Cabinet Assembly (FTU4SP shown)

Snap-In Routing Clip