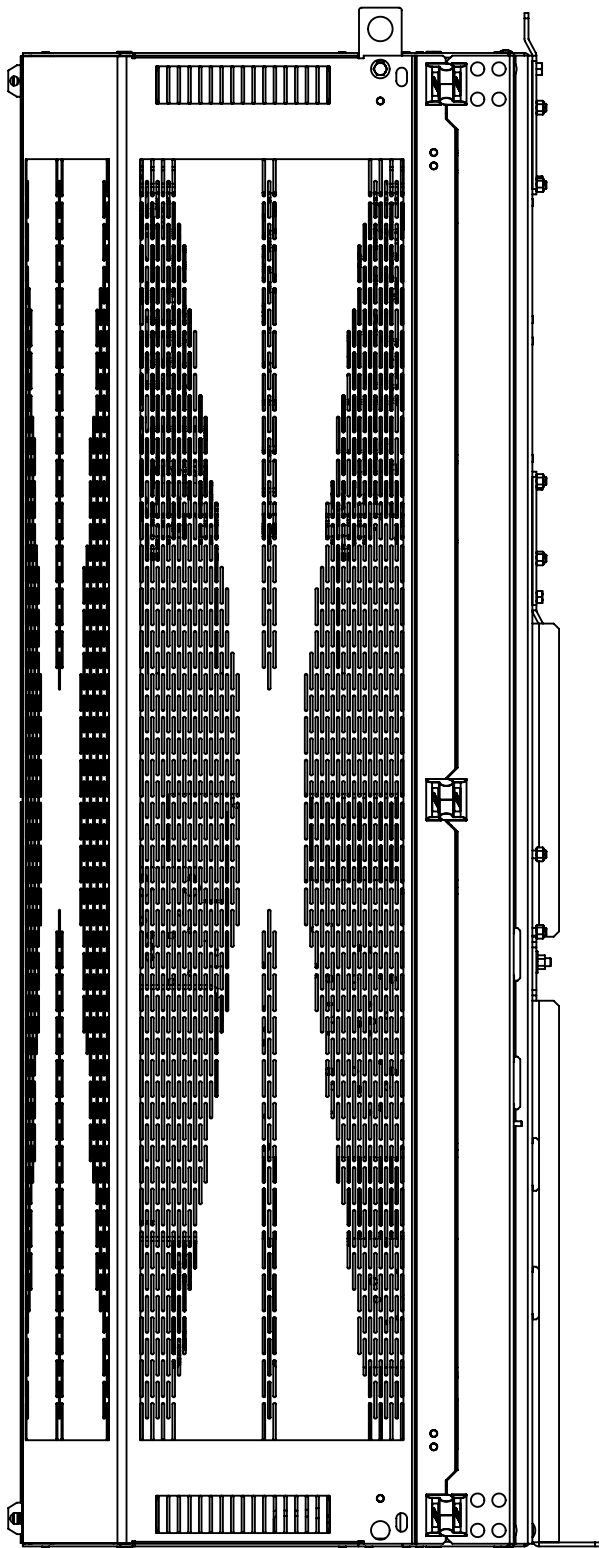
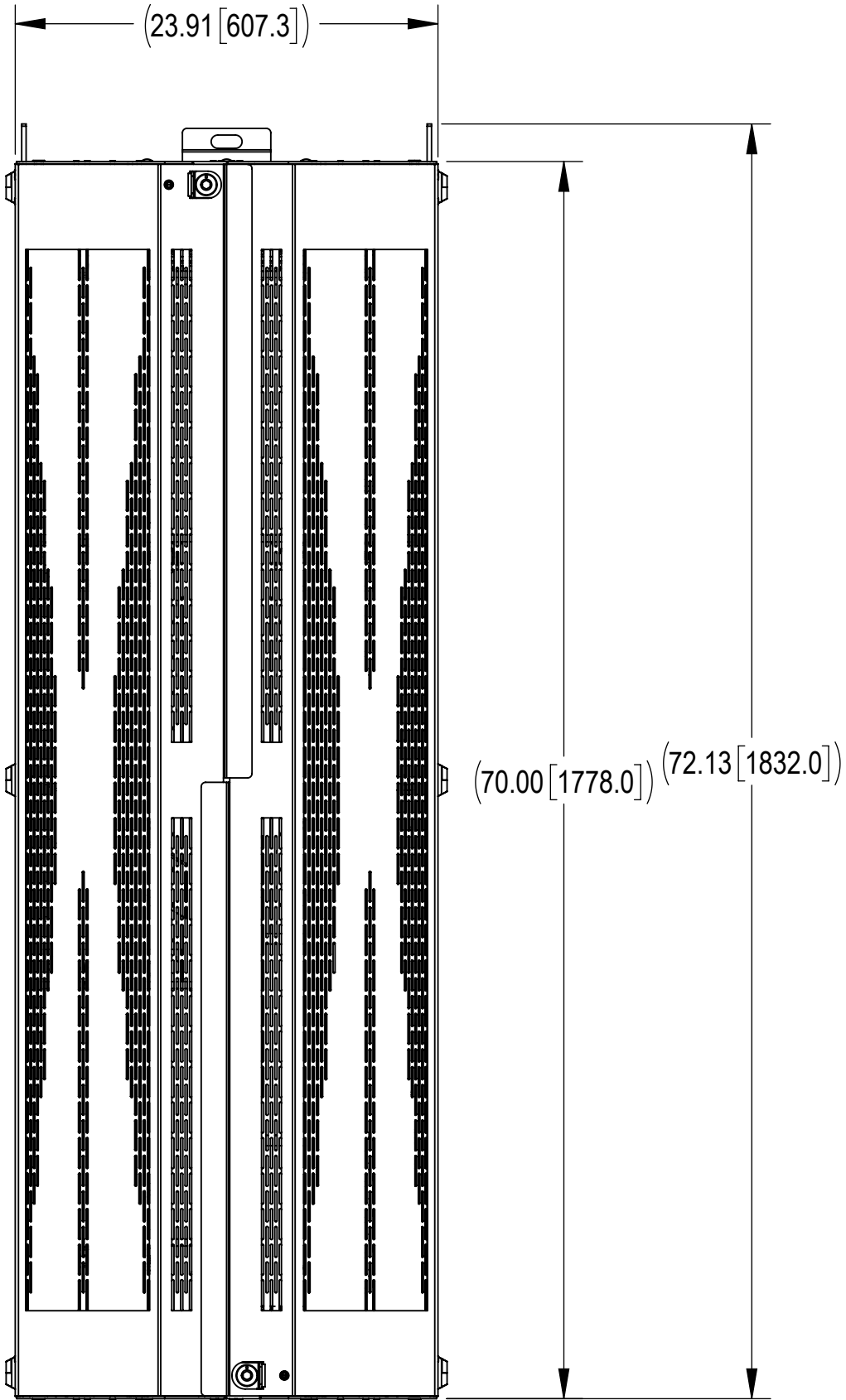
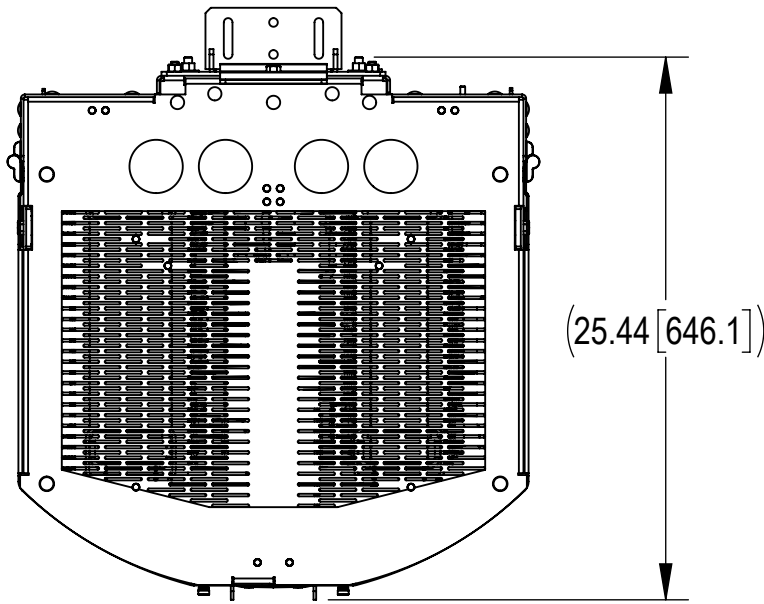
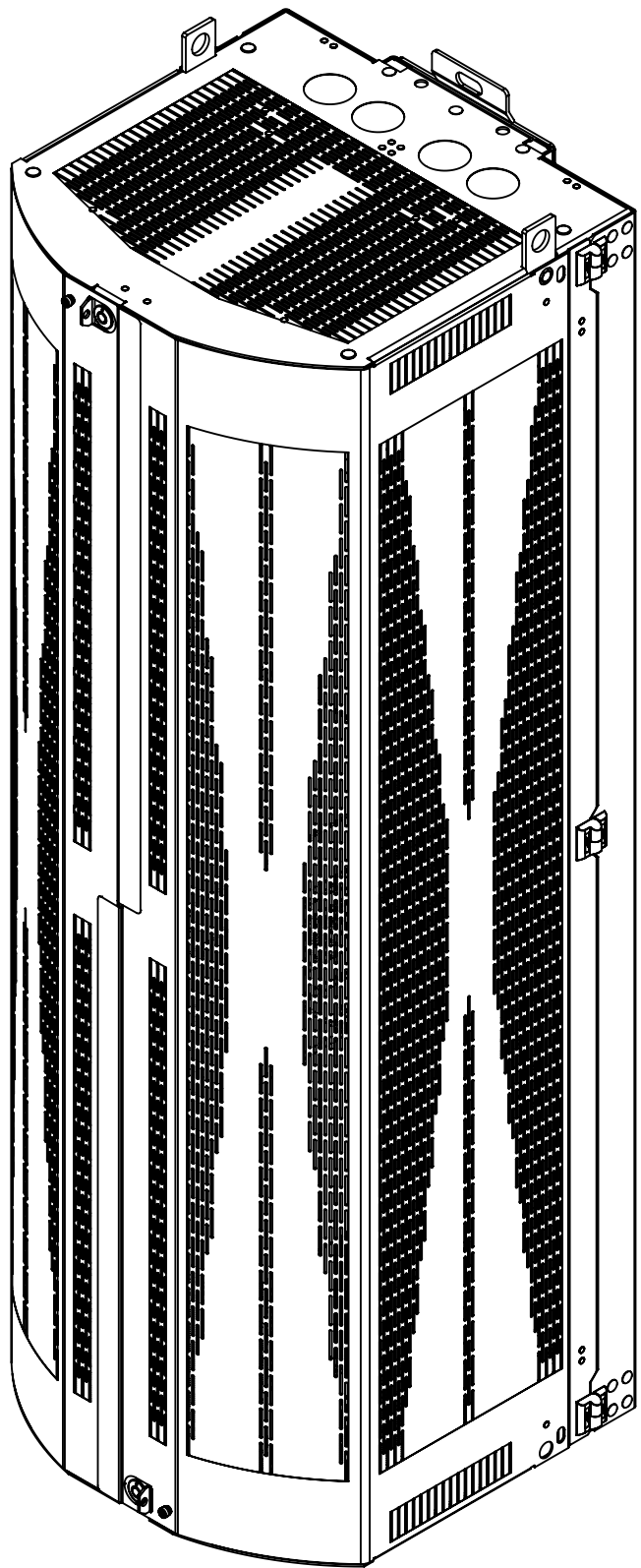


Installation Instructions



860252485-S003-INSTALL INSTALLATION INSTRUCTION

METRO BRKS SAM CONFIG 3 HCRE



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	NSUN 23APR26	LX1002 50107910AMO

This table show the evolution and history of document from initial to current version.

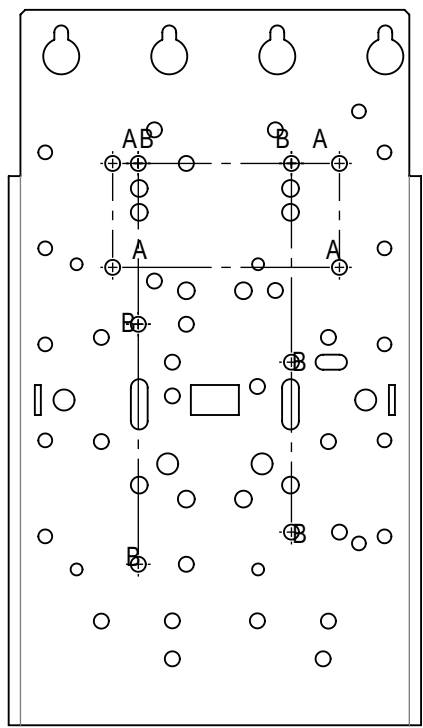
Further information regarding ANDREW's commitment can be found at <https://www.andrew.com/sustainability/>.
Visit our website or contact your local ANDREW representative for more information.
This product is covered by one or more U.S. patents or their foreign equivalents. For patents, see www.adwpat.com.

- 1.0 GENERAL NOTES
- 1.1 ALL METRIC DIMENSIONS ARE IN BRACKETS [X.X]
- 2.0 DESIGN NOTES
- 3.0 MANUFACTURING/SPECIAL REQUIREMENTS
- 3.1 TIGHTEN HARDWARE, TORQUE VALUE ARE SHOWN BELOW AS REFERENCE,
M6: TORQUE 40.0 IN-LB OR 4.5 N-M (W/ CLIP NUT)
M6: TORQUE 46.0 IN-LB OR 5.2 N-M (W/ THREADED CAST AL)
M6: TORQUE 75.0 IN-LB OR 8.5 N-M (W/ STEEL NUT)
M8: TORQUE 6.6 FT-LB OR 9.0 N-M (W/ THREADED CAST AL)
1/4-20: TORQUE 4.8 FT-LB OR 6.6 N-M
3/8-16: TORQUE 19.6 FT-LB OR 26.6 N-M
- 3.2 CONFIGURATIONS AND QUANTITY OF EQUIPMENTS IN INSTALLATION ARE LISTED ON TABLE.
- 3.3 EQUIPMENT INSTALLATION INSTRUCTION ON PAGE 3 & 4.
- 3.4 THE KIT IS PURCHASED SEPARATELY FROM THE HCRE.

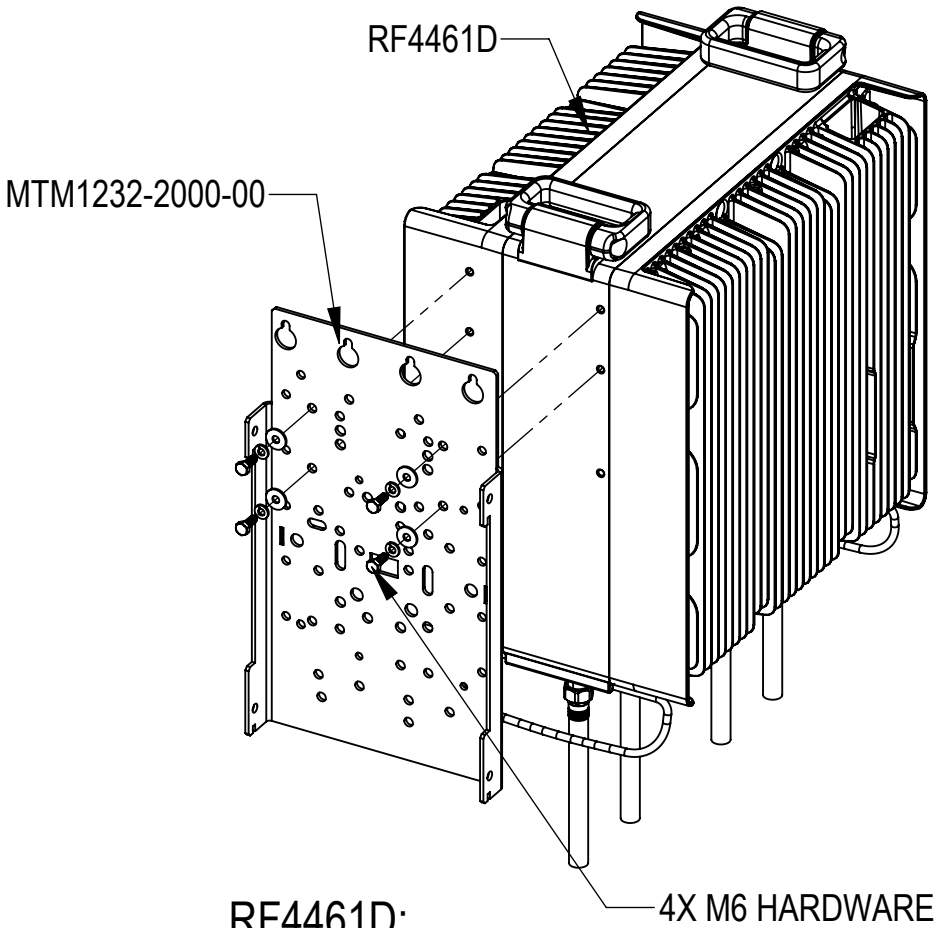
SAMSUNG CONFIGURATION	3.2 APPROVED SAMSUNG RADIO CONFIGURATIONS						REQUIRED ADDITIONAL AMK FOR CONFIGURATION (PURCHASED SEPARATELY)
	SAMSUNG 700/850 ORAN (RF4461D-13A)	SAMSUNG 320W PCS/AWS ORAN RU (RF4439D-25A)	SAMSUNG (RT8808-77A)	DELTA 3.0kW RECTIFIER "ESR-4860E U-S" OR DELTA 2.0kW RECTIFIER "ESR-4838A"	FUJITSU FIBER BOX PC01B-0093	CDX1923Q-DS-43 ANDREW DIPLEXER	3.4 860252485-AMK-001
S03.01	1	1	1	2	1		
S03.02	3			2		1	1
S03.03		3		2		1	1

EQUIPMENT MOUNTING INSTALLATION

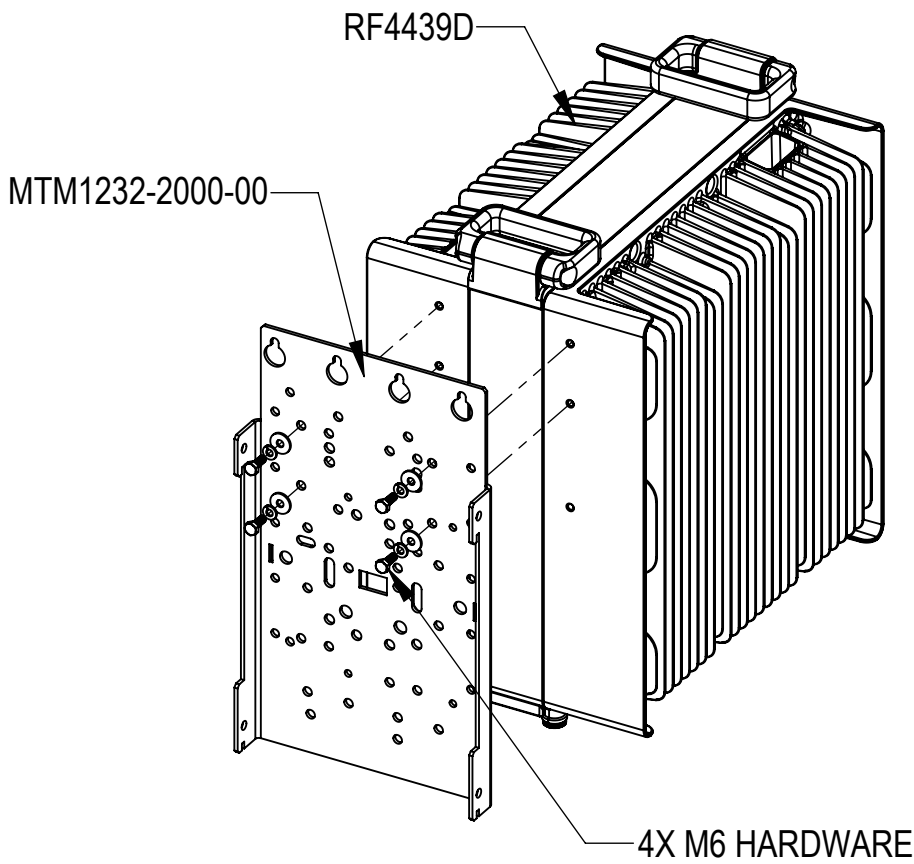
RADIO INSTALLATION
HCRE MOUNTING BRACKET
MTM1232-2000-00
FRONT VIEW



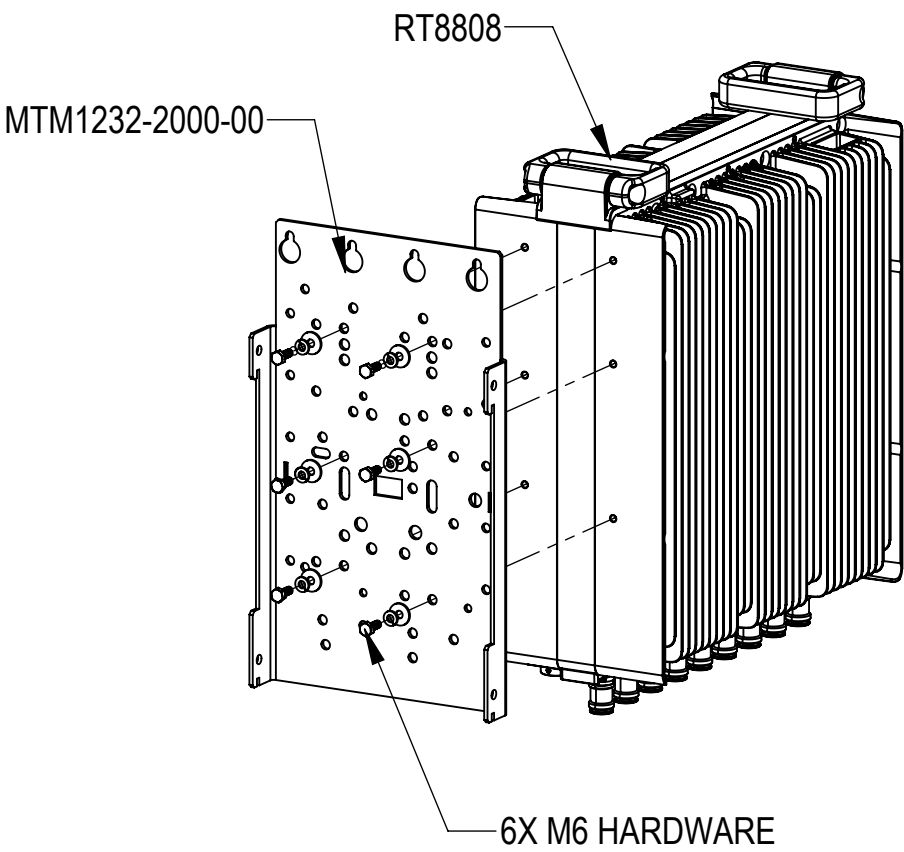
"A": 4461, 4439
"B": 8808



RF4461D:
INSTALL RF4461D TO THE BRACKET MTM1232-2000-00
USING 4 SETS OF M6 HEX BOLT, LOCK WASHER
AND FLAT WASHER AS SHOWN

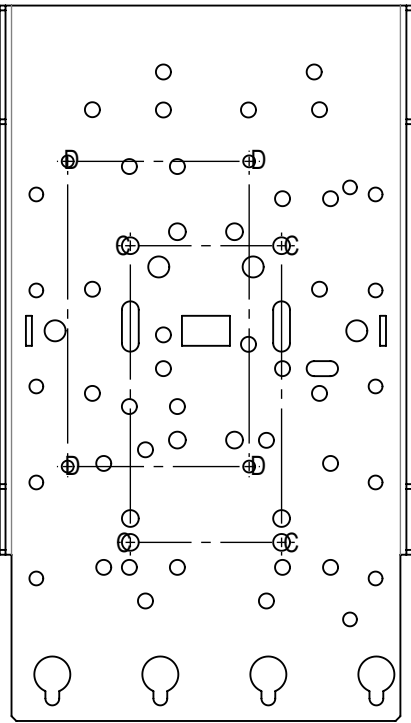


RF4439D:
INSTALL RF4439D TO THE BRACKET MTM1232-2000-00
USING 4 SETS OF M6 HEX BOLT, LOCK WASHER
AND FLAT WASHER AS SHOWN

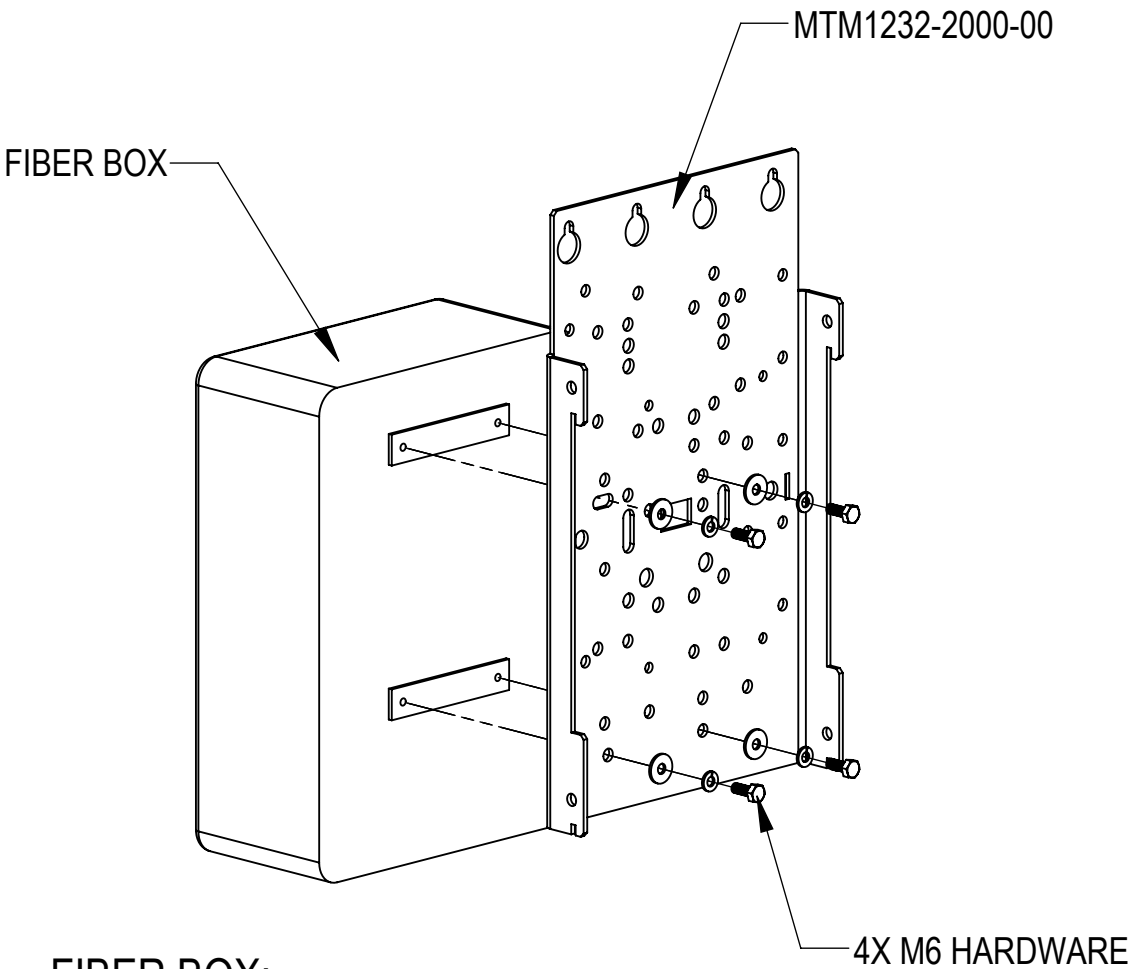


RT8808:
INSTALL RT8808 TO THE BRACKET MTM1232-2000-00
USING 6 SETS OF M6 HEX BOLT, LOCK WASHER
AND FLAT WASHER AS SHOWN

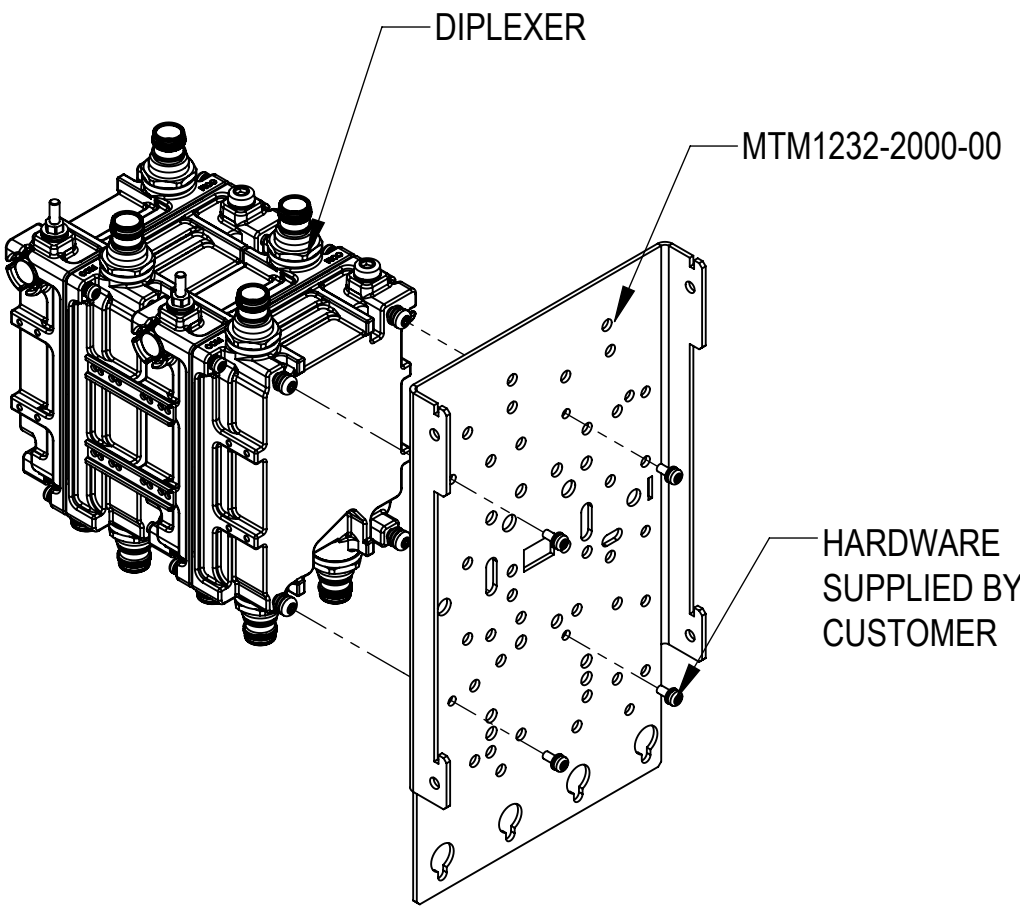
MTM1232-2000-00
RERR VIEW



"C": FIBER BOX
"D": COMB-E14F05P93



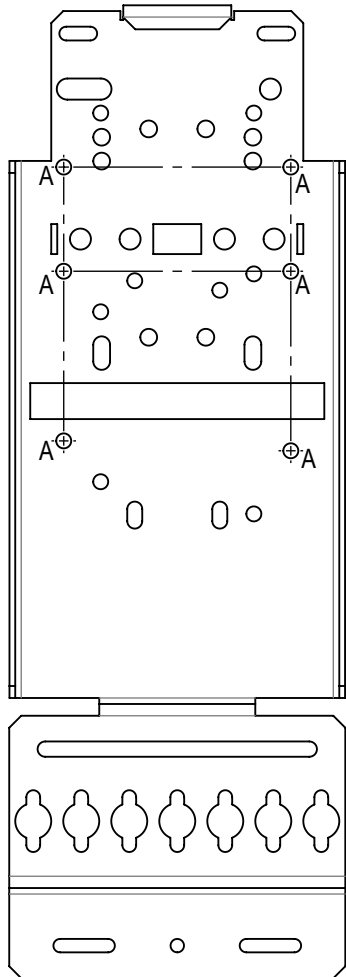
FIBER BOX:
INSTALL FIBER BOX TO THE BRACKET MTM1232-2000-00
USING 4 SETS OF M6 HEX BOLT, LOCK WASHER
AND FLAT WASHER AS SHOWN



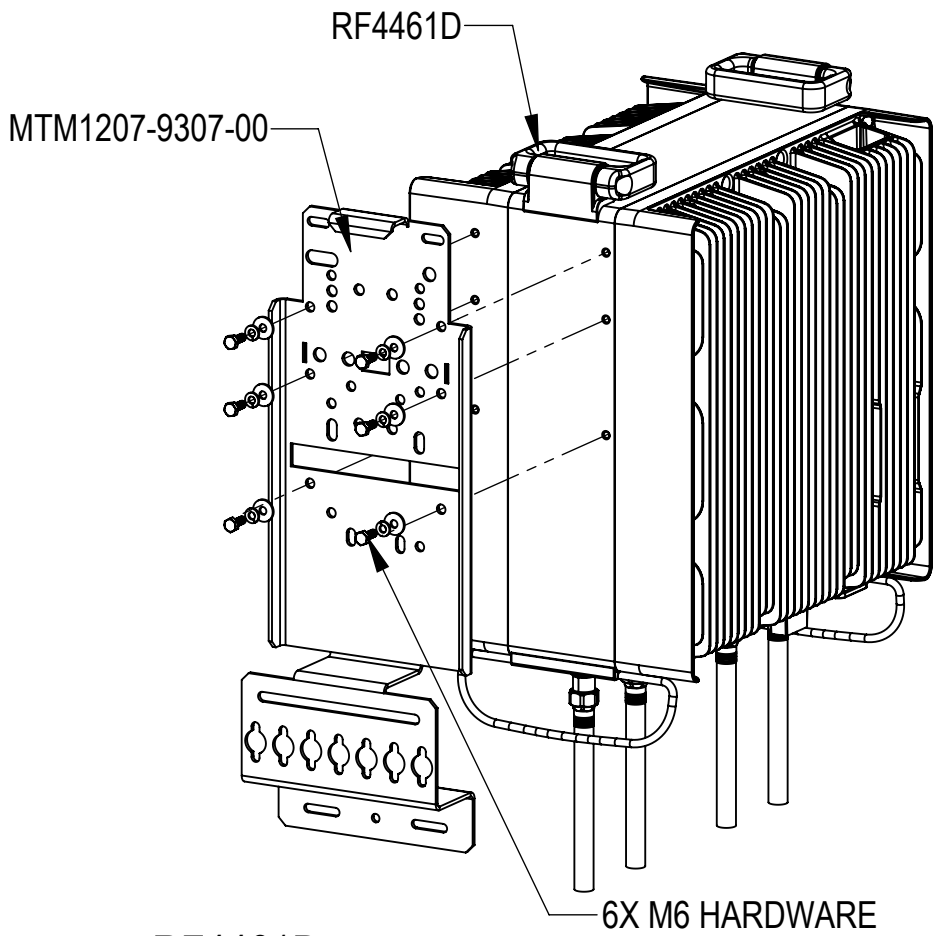
DIPLEXER:
INSTALL DIPLEXER TO THE BRACKET MTM1232-2000-00 USING
4 SETS OF M5 HEX BOLT, LOCK WASHER AND FLAT WASHER
AS SHOWN

EQUIPMENT MOUNTING INSTALLATION

RADIO INSTALLATION
HCRE MOUNTING BRACKET
MTM1207-9307-00

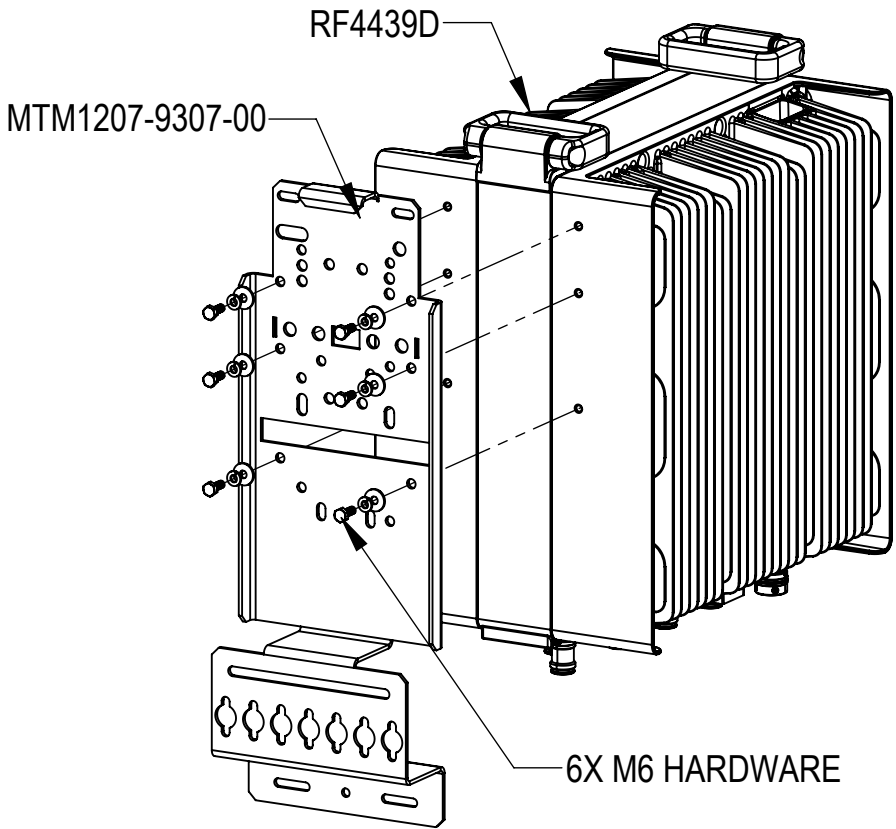


"A": 4461, 4439



RF4461D:

INSTALL RF4461D TO THE BRACKET MTM1207-9307-00
USING 6 SETS OF M6 HEX BOLT, LOCK WASHER
AND FLAT WASHER AS SHOWN



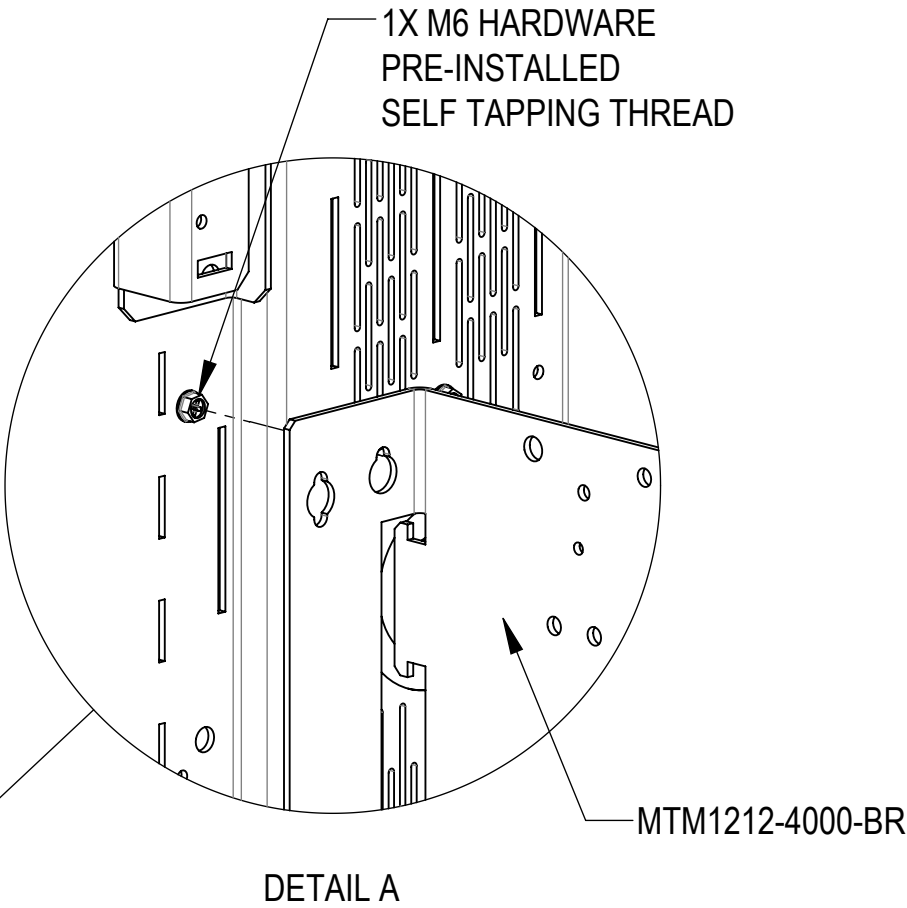
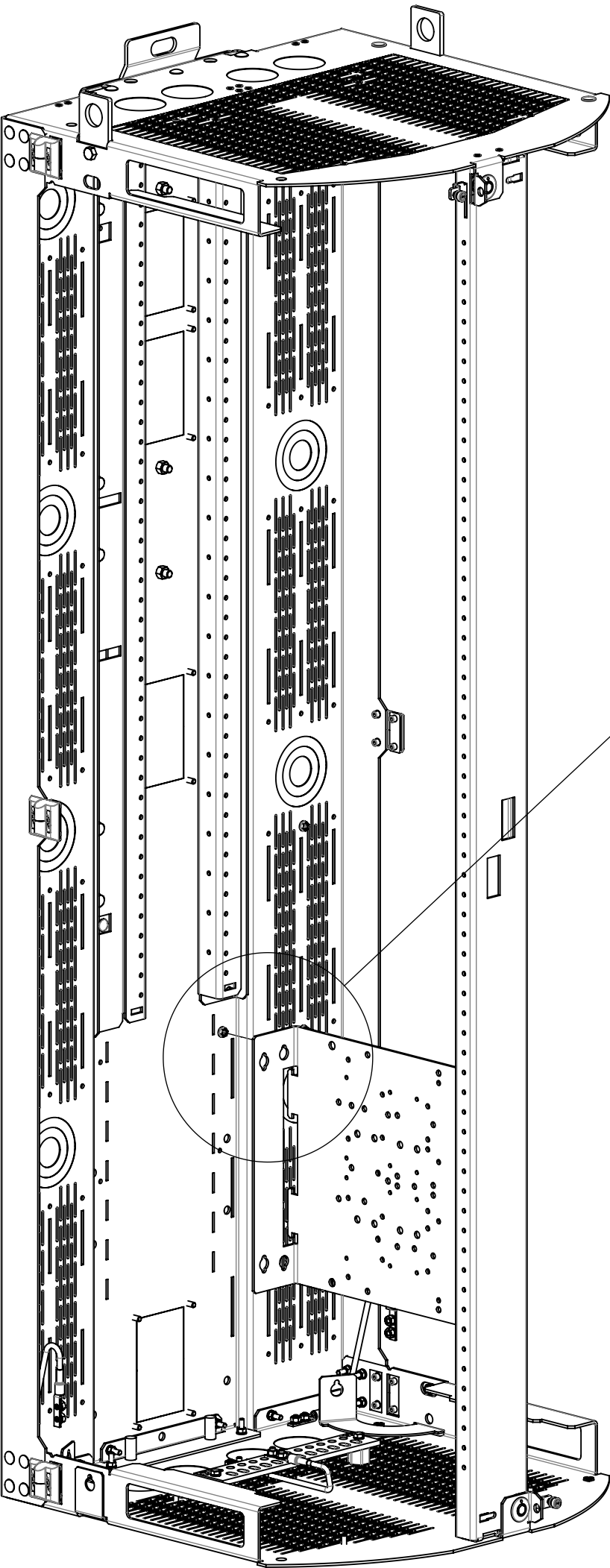
RF4439D:

INSTALL RF4439D TO THE BRACKET MTM1207-9307-00
USING 6 SETS OF M6 HEX BOLT, LOCK WASHER
AND FLAT WASHER AS SHOWN

Installation Instructions

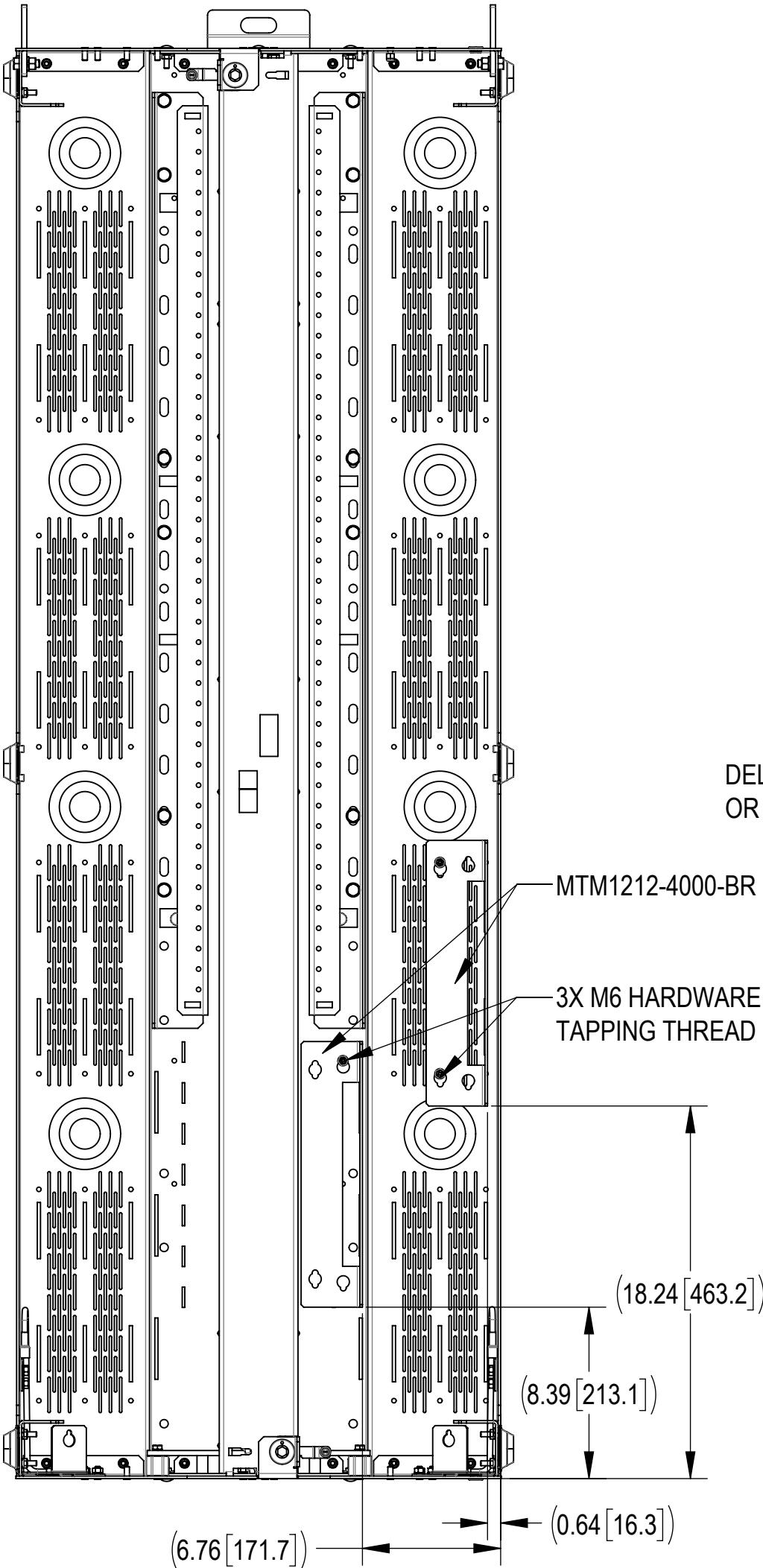


PSU DELTA 3.0 KW OR DELTA 2.0 KW (QTY 2) INSTALLATION

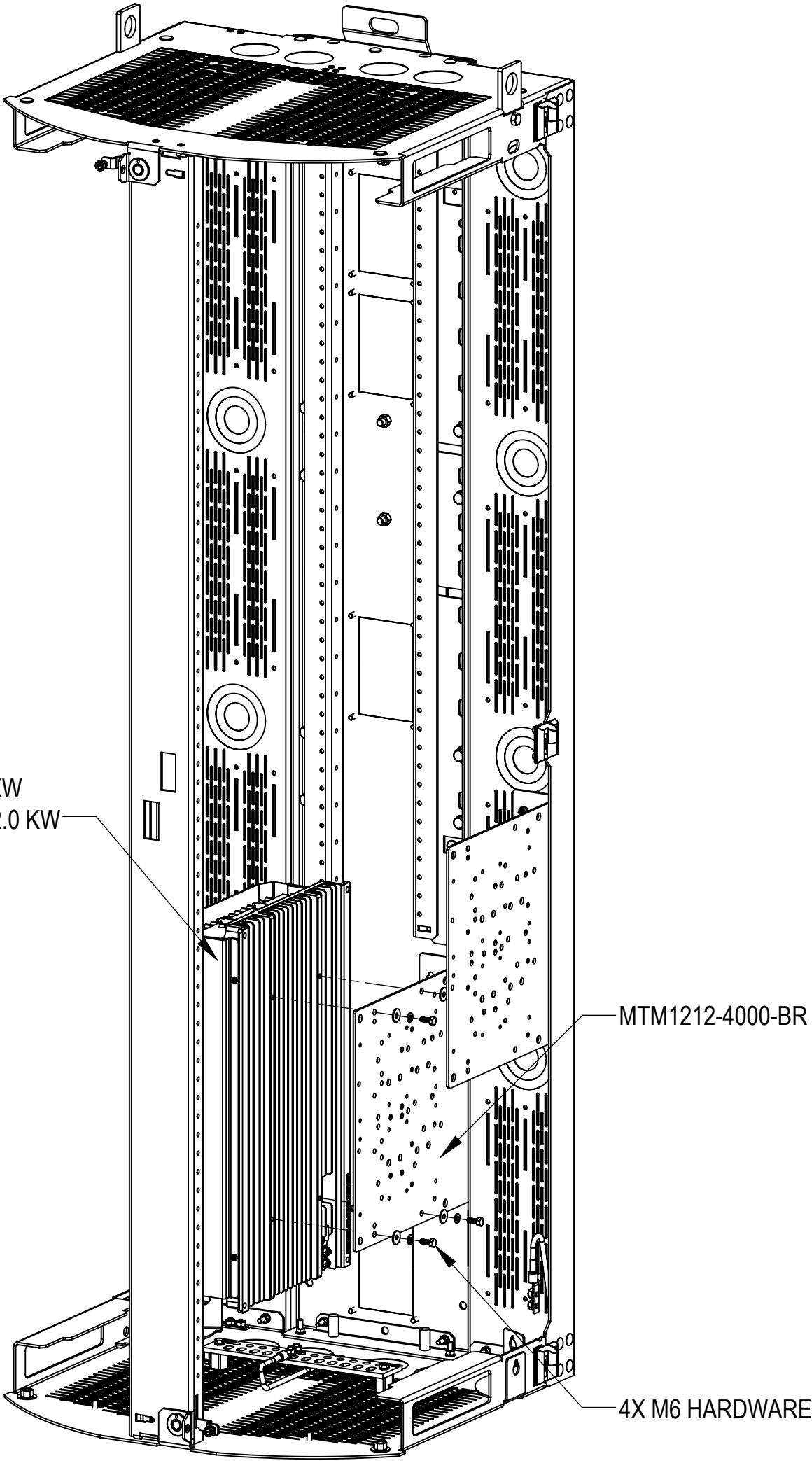


MTM1212-4000-BR INSTALLATION

HOLD BRACKET MTM1212-4000-BR, TOP OF TABS ALONG WITH TOP OF SLOT, INSERT TABS AND PUSH TO THE END, HANG IT ON THE M6 SCREW, THEN PUT IT DOWN. SECURE BY 1 SET OF M6 SCREW (SELF TAPPING THREAD), TIGHTEN THEM DOWN AS SHOWN



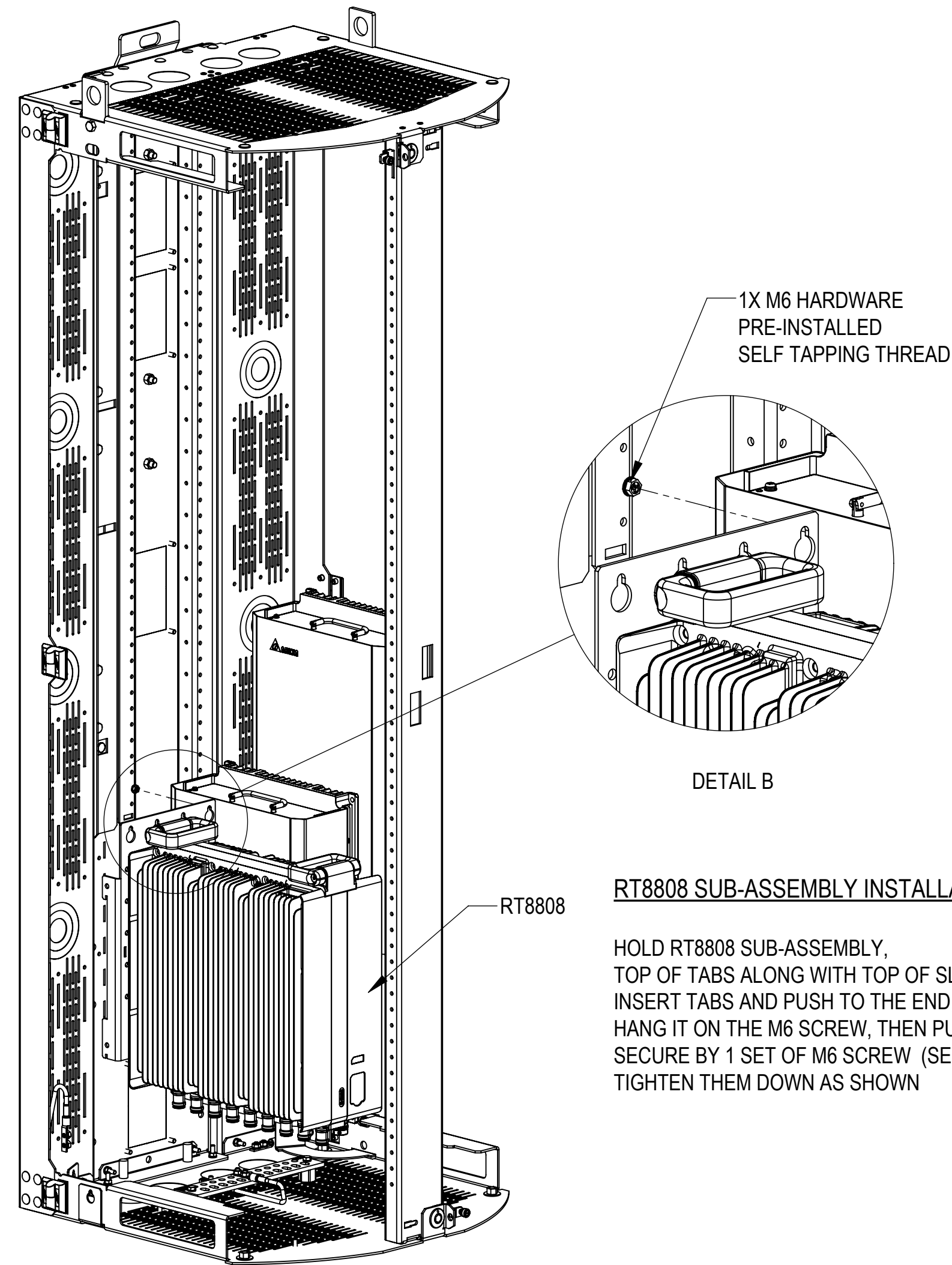
FRONT VIEW
BRACKET MTM1212-4000-BR LOCATION SHOWN
FOR CONFIGS S03.01-S03.03
(DOORS NOT SHOWN)



DELTA 3.0 KW OR DELTA 2.0 KW INSTALLATION

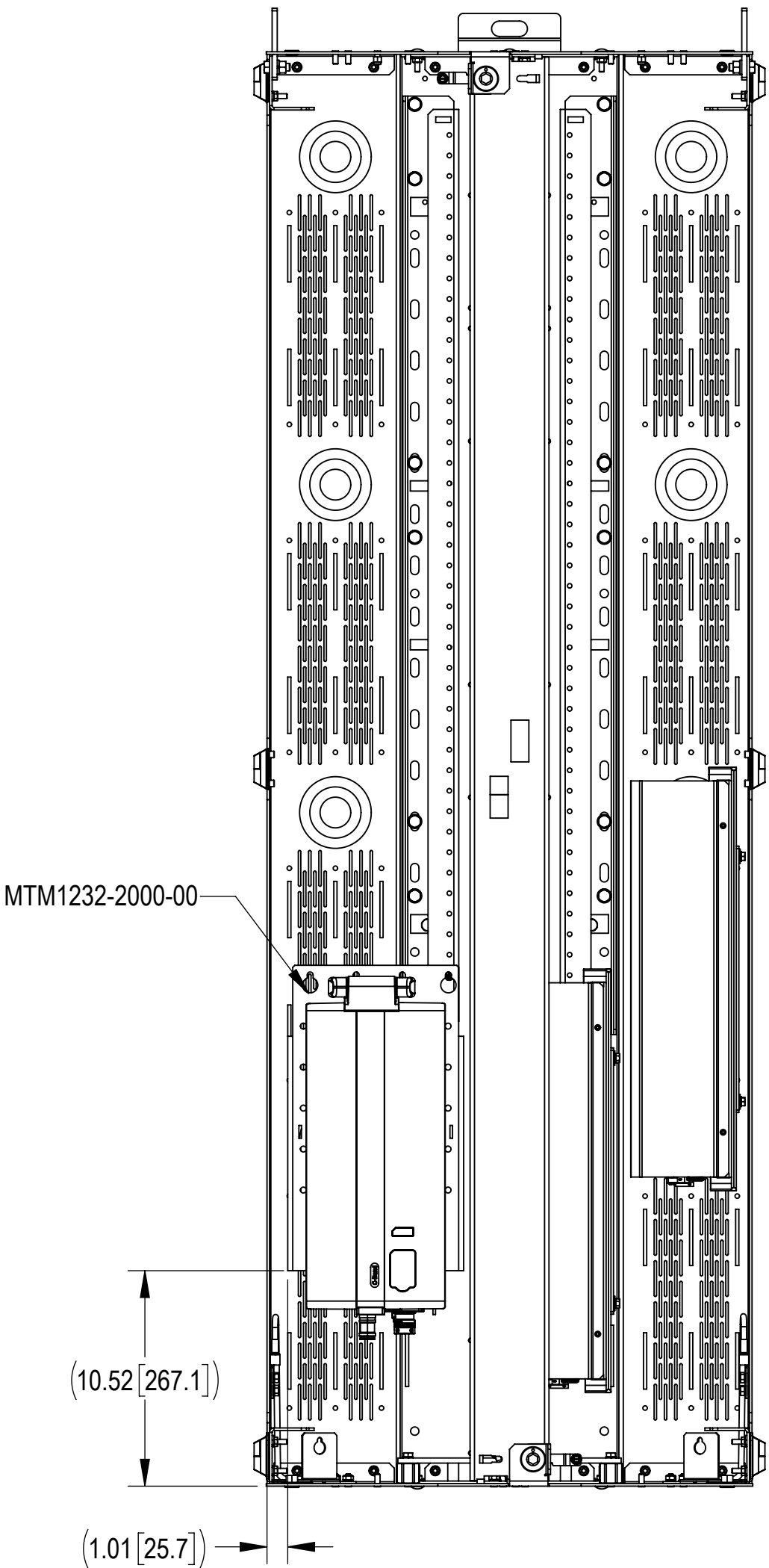
INSTALL DELTA 3.0 KW OR DELTA 2.0 KW TO BRACKET MTM1212-4000-BR USING 4 SETS OF M6 HEX BOLT, LOCK WASHER AND FLAT WASHER AS SHOWN

RT8808 INSTALLATION



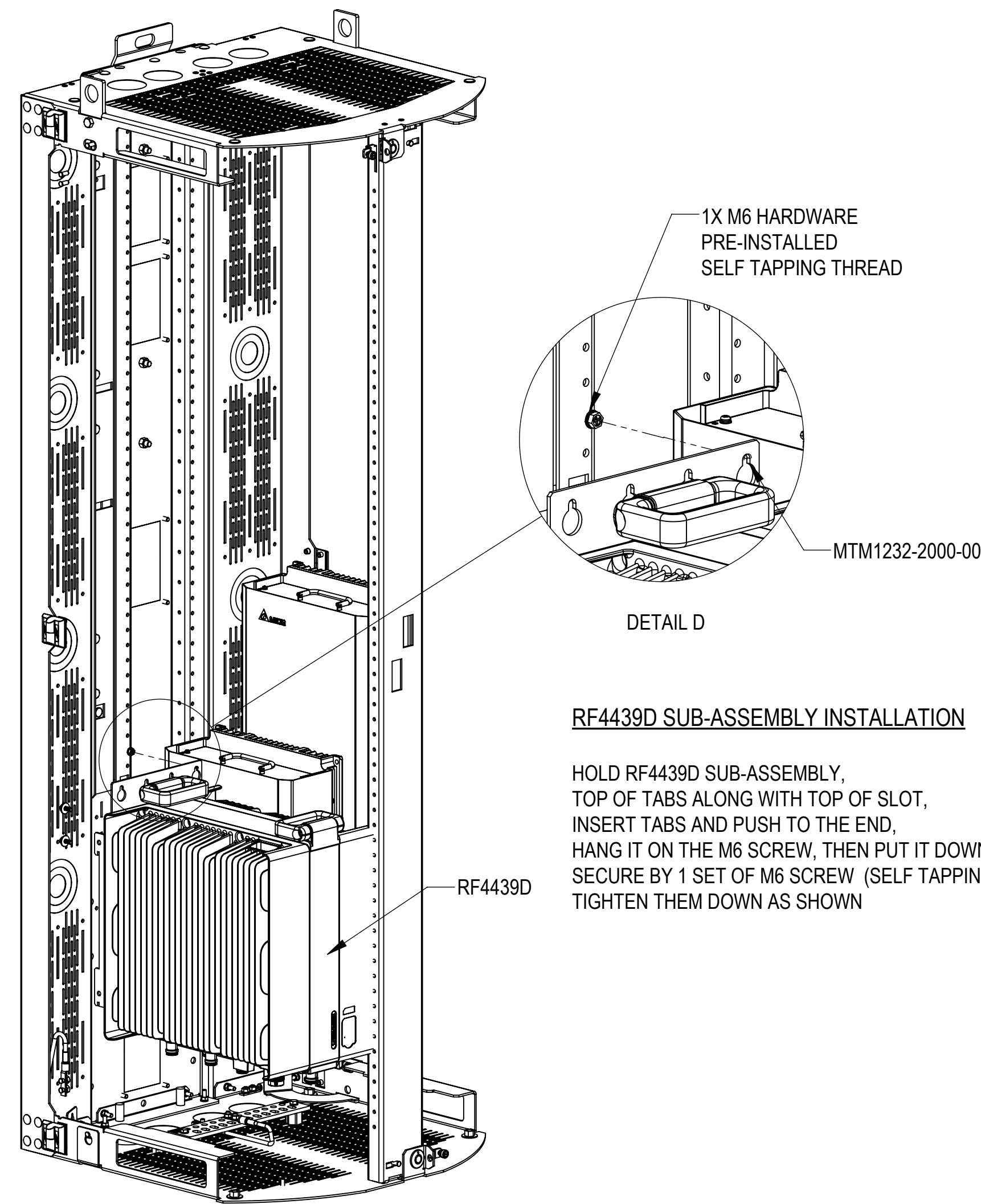
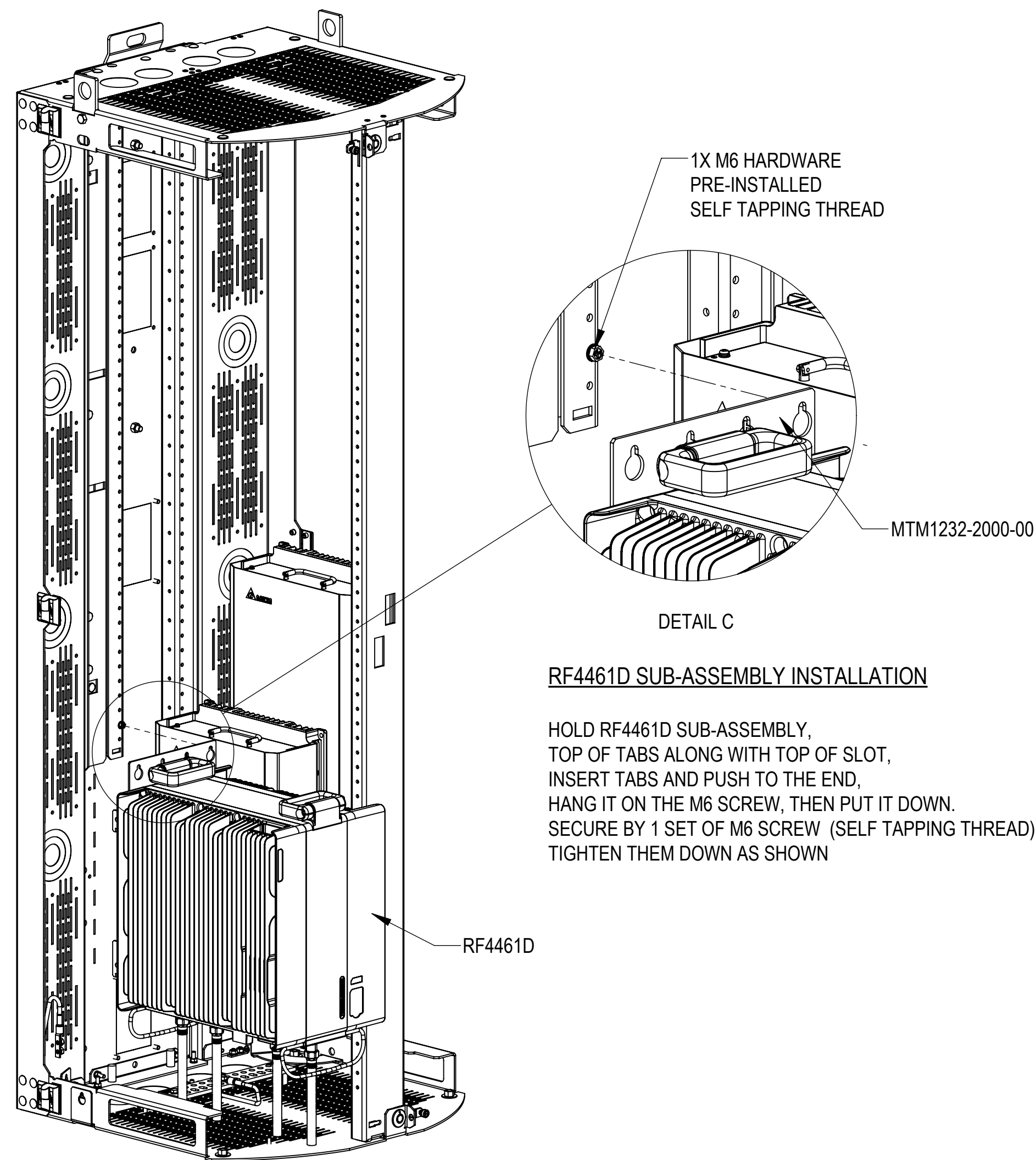
RT8808 SUB-ASSEMBLY INSTALLATION

HOLD RT8808 SUB-ASSEMBLY,
TOP OF TABS ALONG WITH TOP OF SLOT,
INSERT TABS AND PUSH TO THE END,
HANG IT ON THE M6 SCREW, THEN PUT IT DOWN.
SECURE BY 1 SET OF M6 SCREW (SELF TAPPING THREAD),
TIGHTEN THEM DOWN AS SHOWN

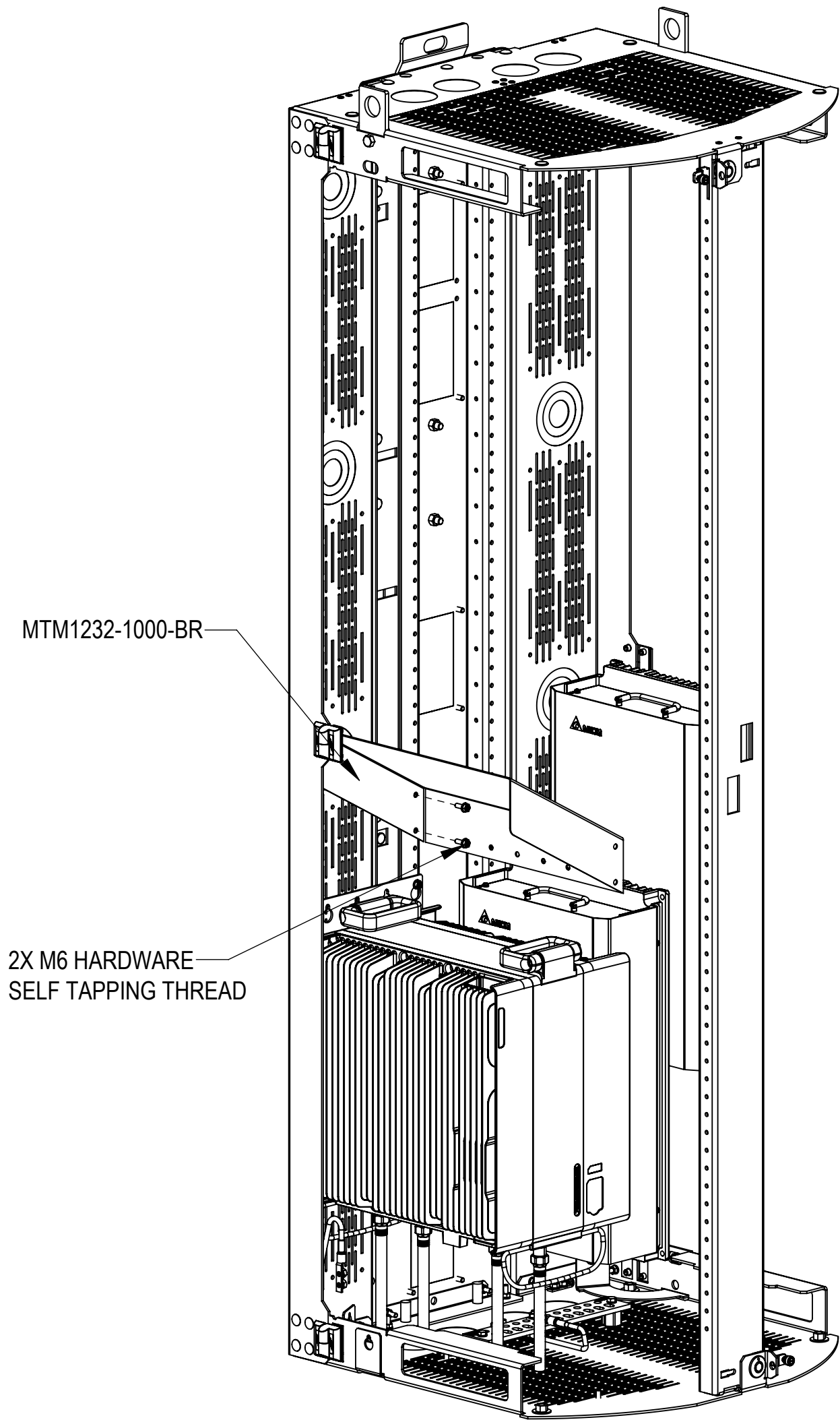


FRONT VIEW
BRACKET MTM1232-2000-00 LOCATION SHOWN
FOR CONFIGS S03.01-S03.03
(DOORS NOT SHOWN)

RF4461D AND RF4439D INSTALLATION



MTM1232-1000-BR INSTALLATION

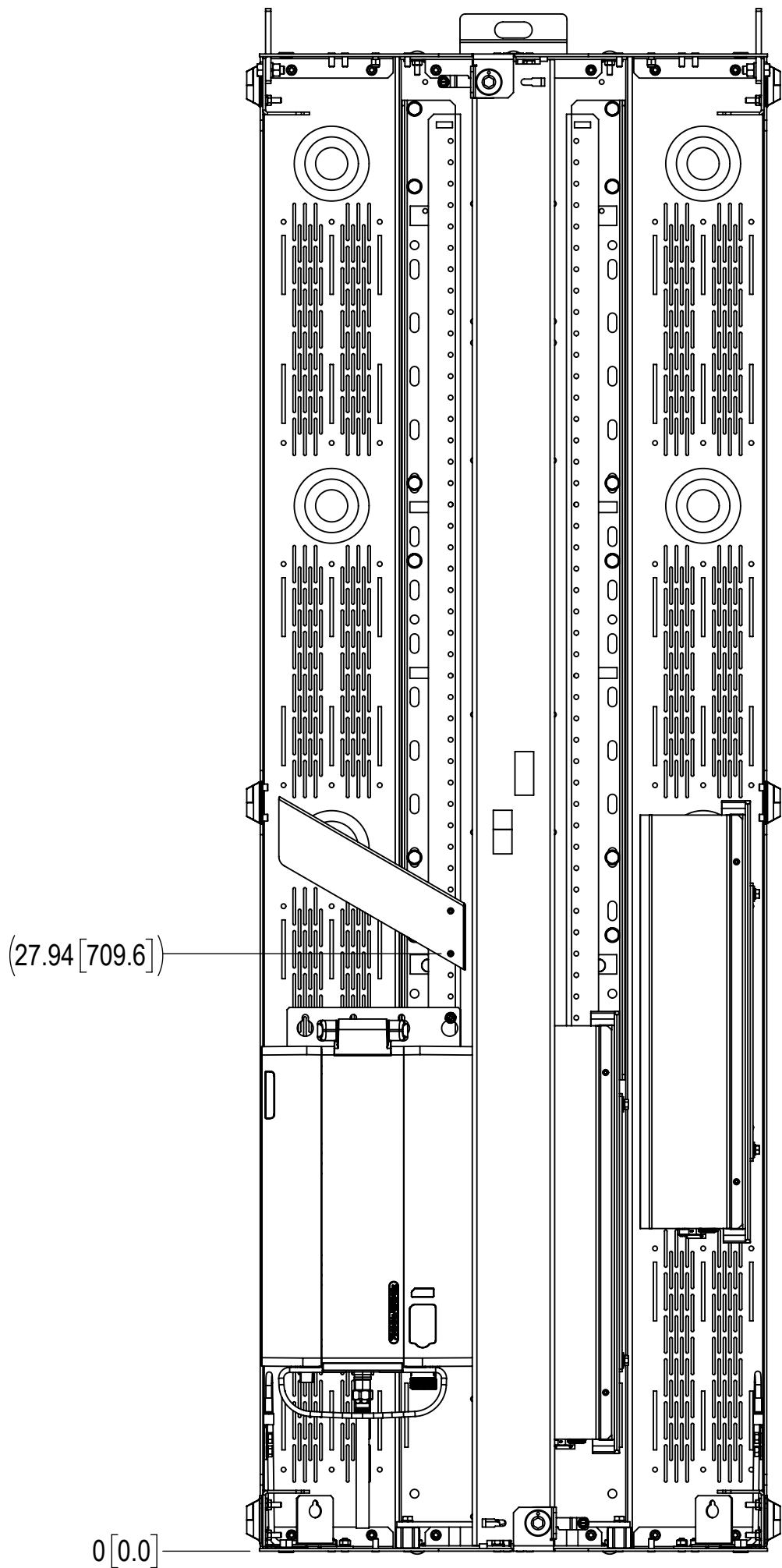


MTM1232-1000-BR

2X M6 HARDWARE
SELF TAPPING THREAD

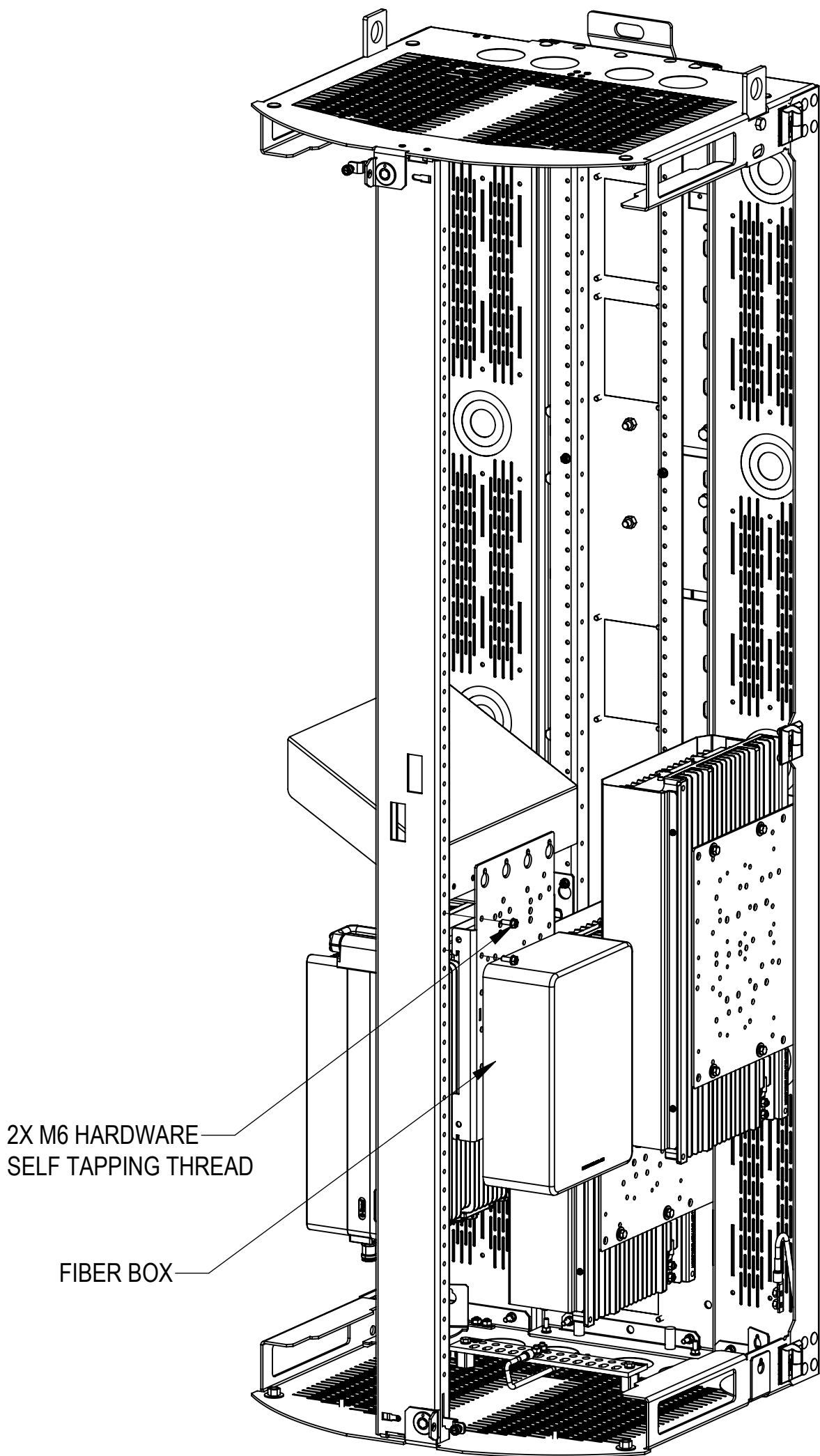
BRACKET MTM1232-1000-BR INSTALLATION

INSTALL BRACKET MTM1232-1000-BR TO THE ENCLOSURE USING
2 SETS OF M6 SCREWS (SELF TAPPING THREAD), TIGHTEN THEM DOWN AS SHOWN



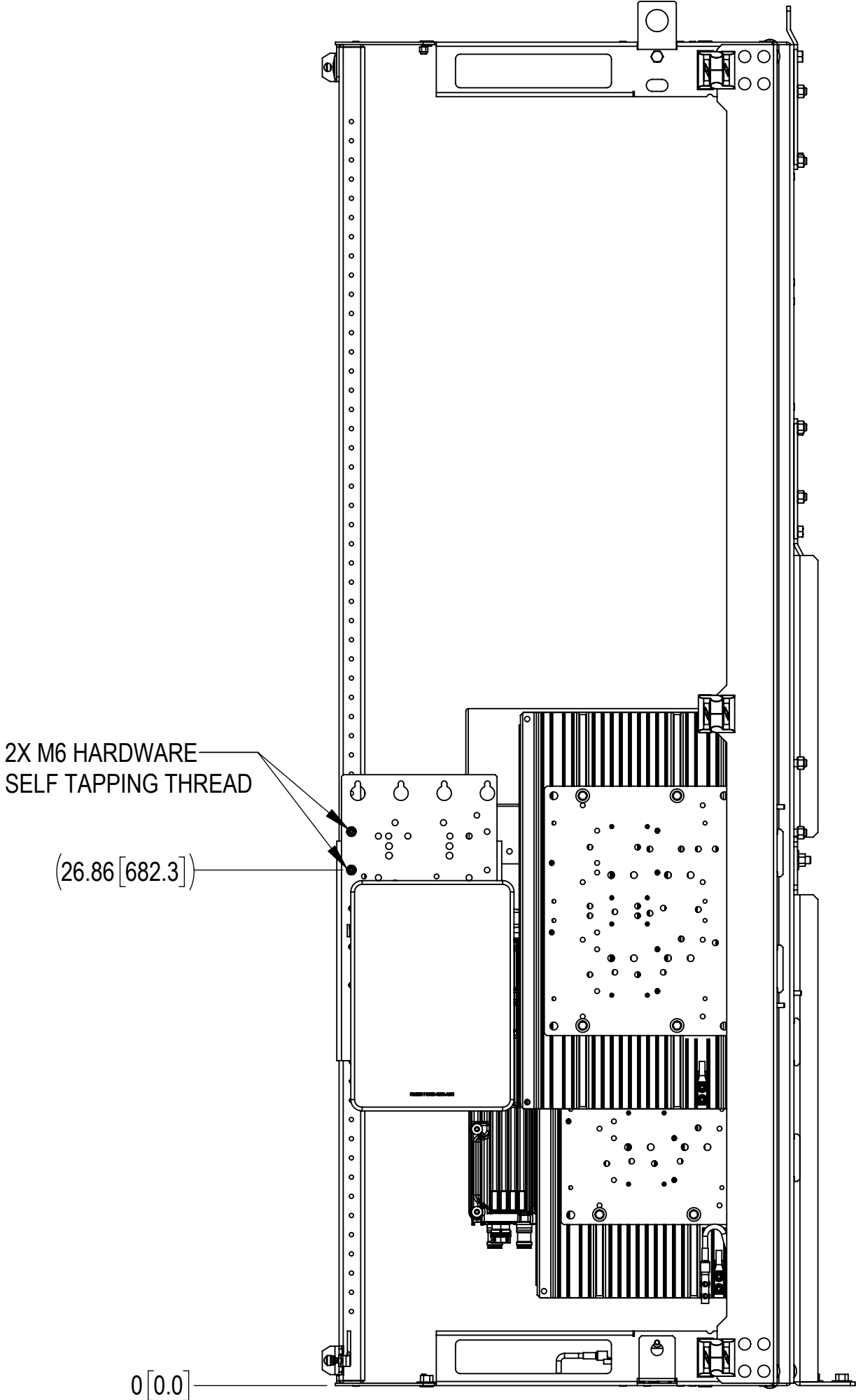
FRONT VIEW
BRACKET MTM1232-1000-BR LOCATION SHOWN
FOR CONFIGS S03.01-S03.03
(DOORS NOT SHOWN)

FIBER BOX INSTALLATION



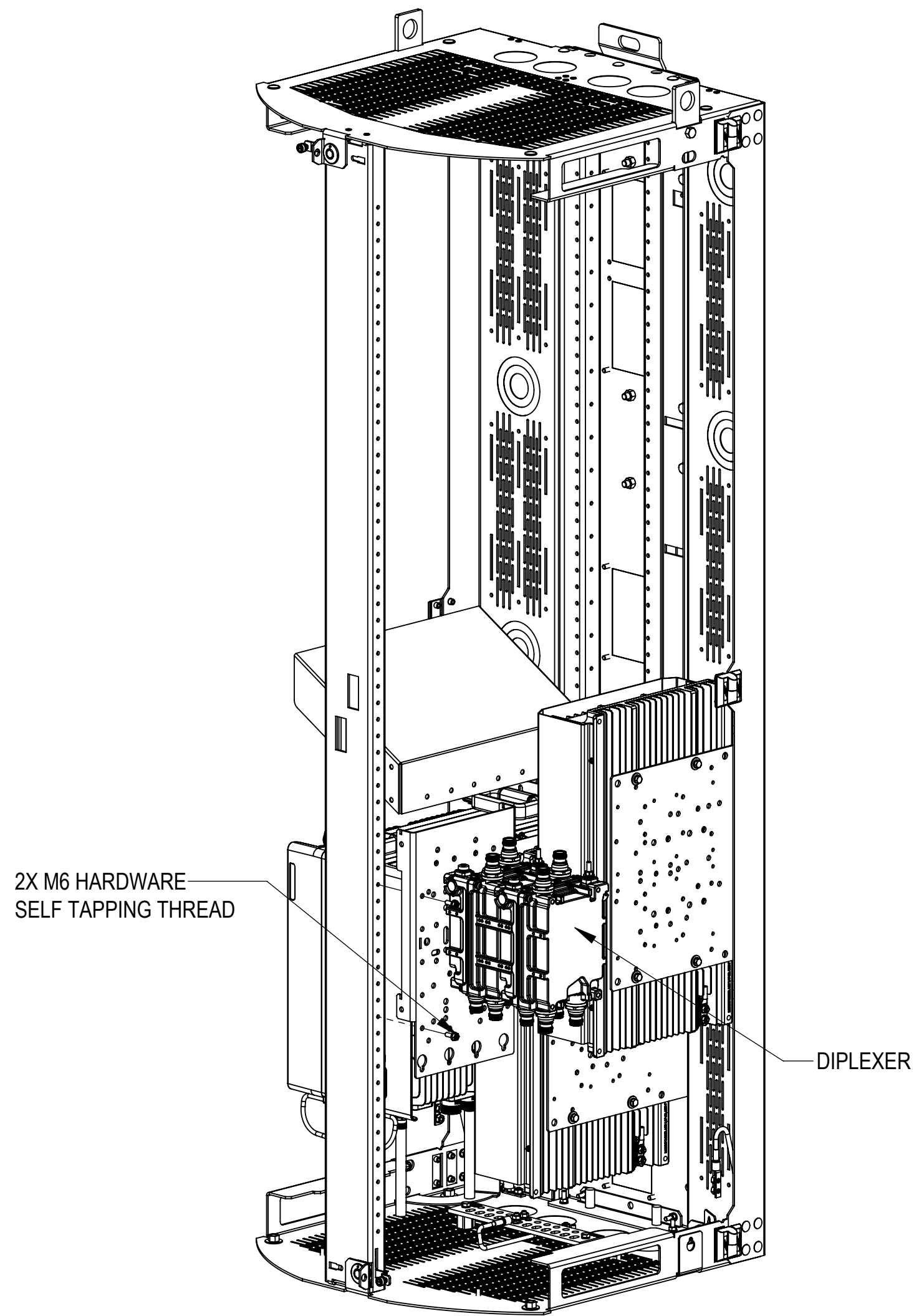
FIBER BOX SUB-ASSEMBLY INSTALLATION

INSTALL FIBER BOX SUB-ASSEMBLY TO THE ENCLOSURE USING 2 SETS OF M6 SCREWS (SELF TAPPING THREAD), TIGHTEN THEM DOWN AS SHOWN



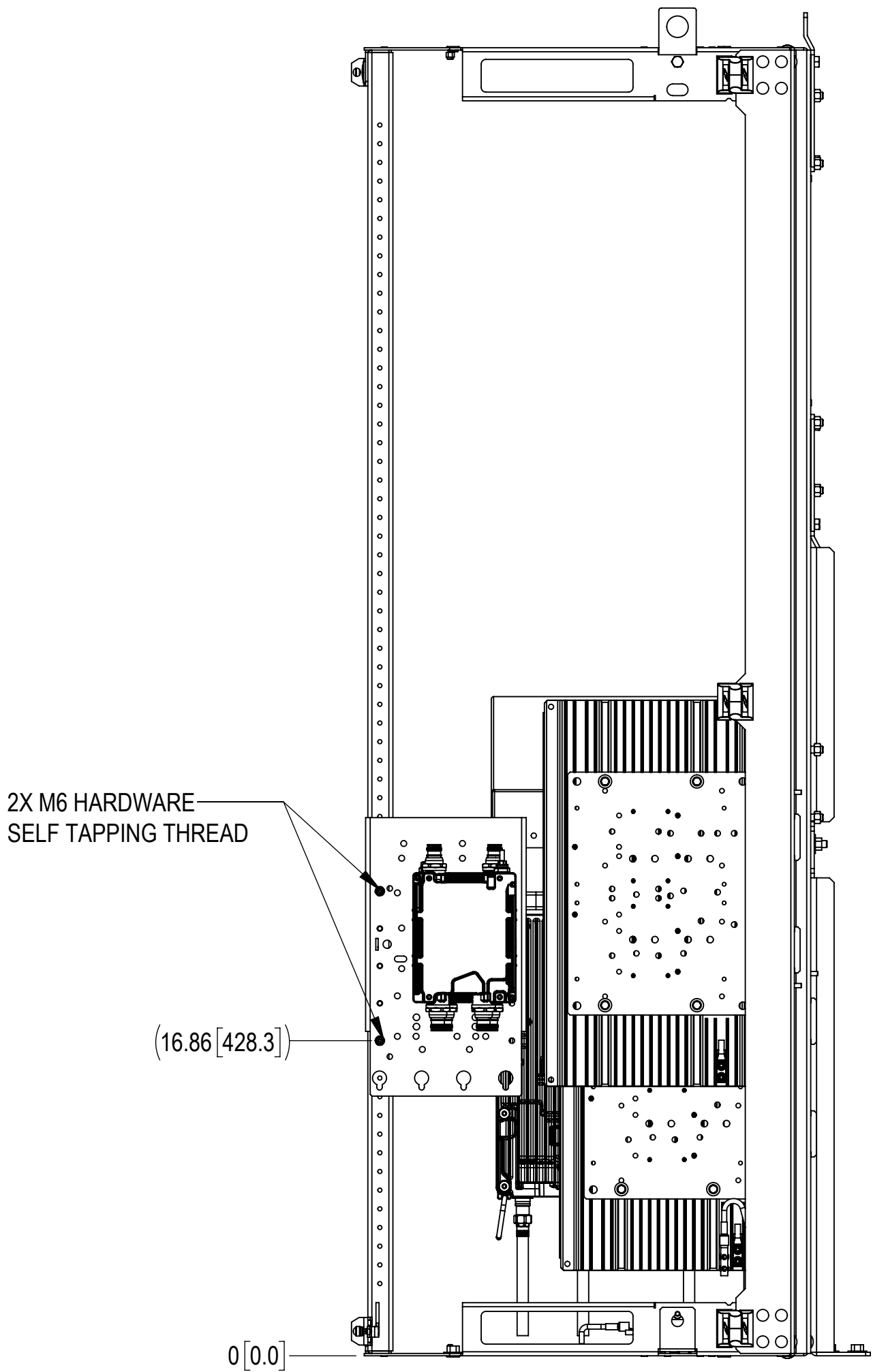
LEFT VIEW
M6 SCREWS LOCATION SHOWN
(DOORS NOT SHOWN)

DIPLEXER INSTALLATION



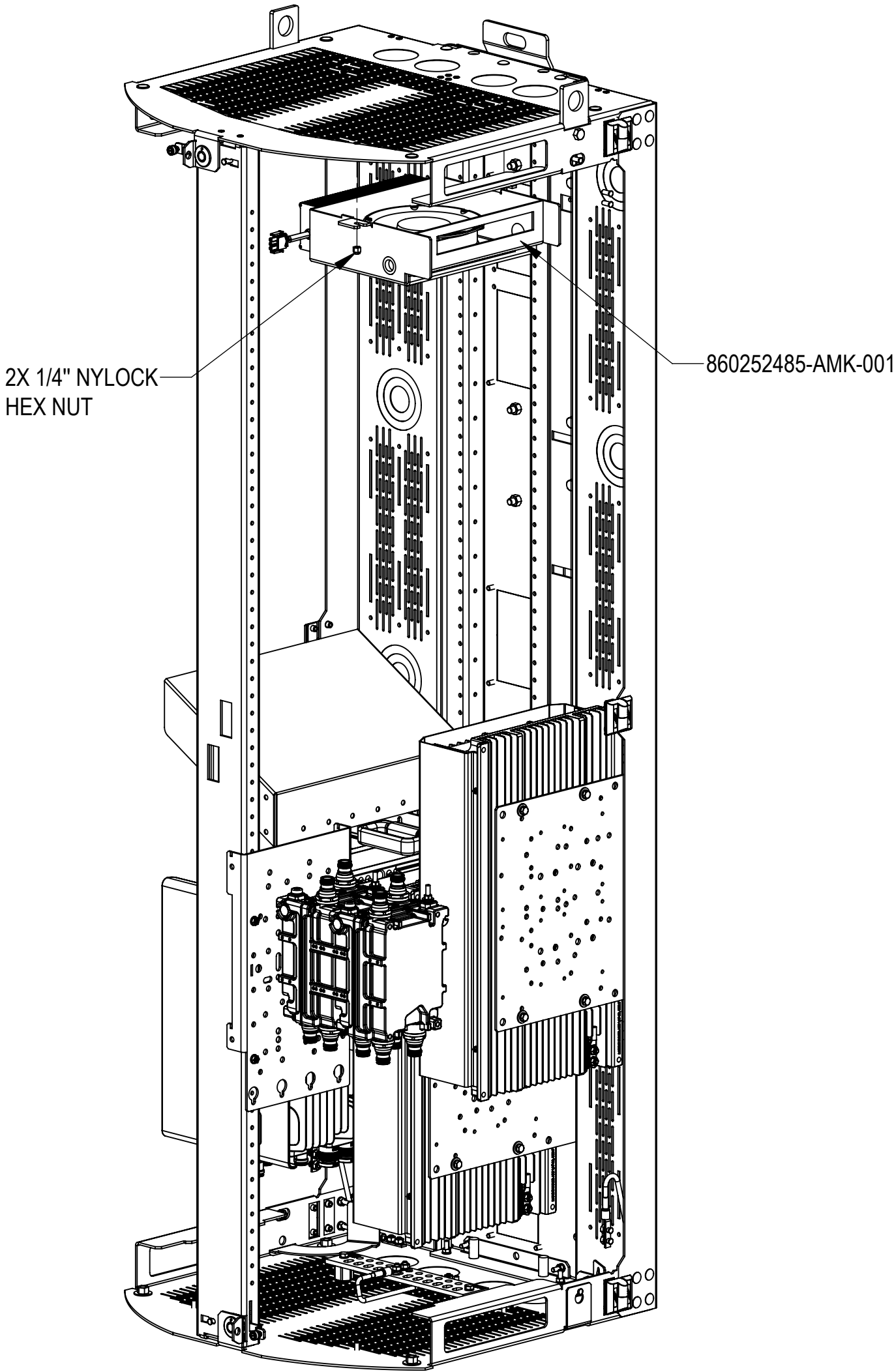
DIPLEXER SUB-ASSEMBLY INSTALLATION

INSTALL DIPLEXER SUB-ASSEMBLY TO THE ENCLOSURE USING 2 SETS OF M6 SCREWS (SELF TAPPING THREAD), TIGHTEN THEM DOWN AS SHOWN



RIGHT VIEW
M6 SCREWS LOCATION SHOWN
FOR CONFIGS S03.02-S03.03
(DOORS NOT SHOWN)

FAN KITS INSTALLATION



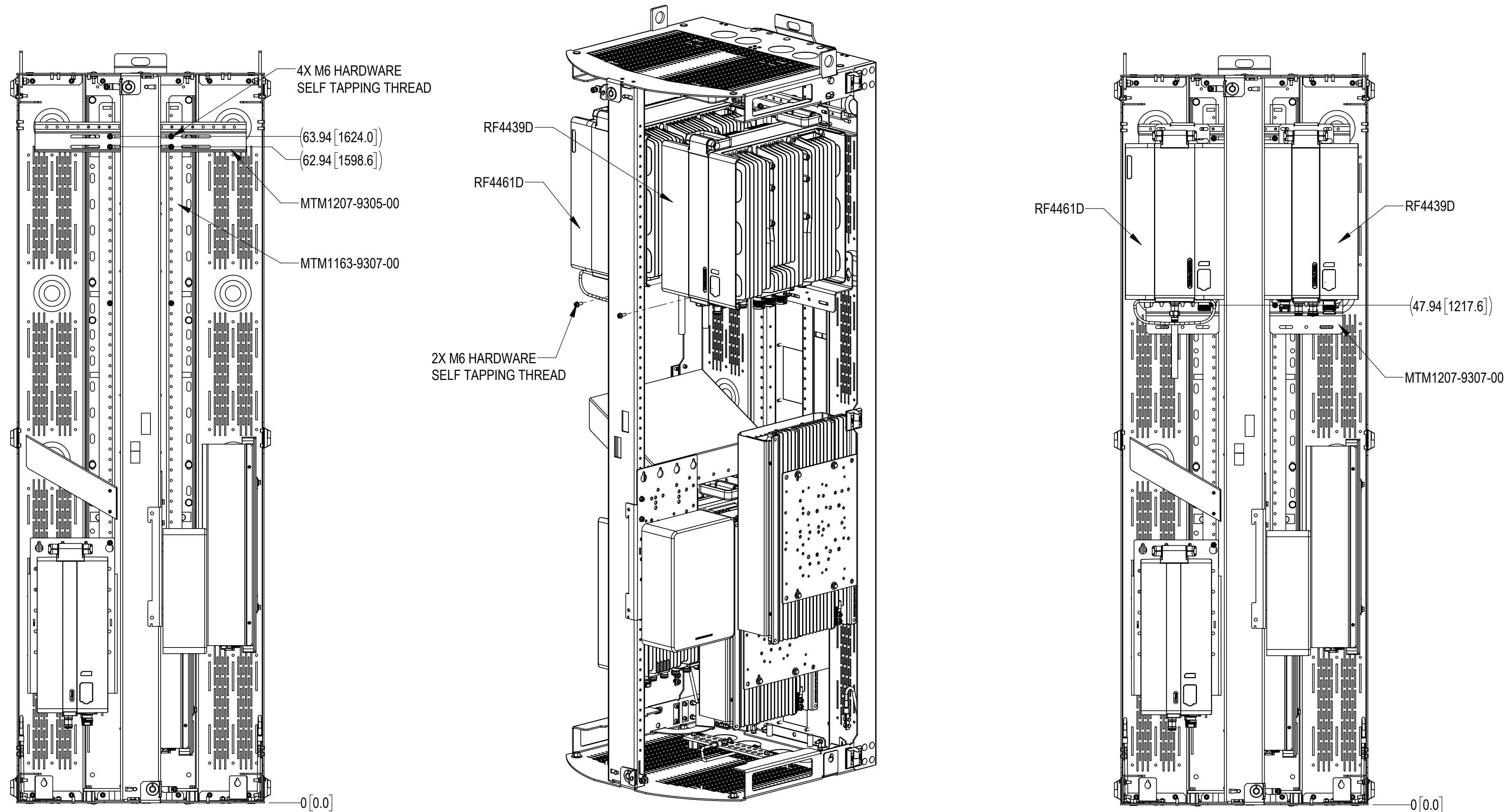
FAN KITS INSTALLATION

INSTALL THE FAN KIT 860252485-AMK-001 TO THE TOP OF HCRE AND SECURE BY 2 SETS OF 1/4" NYLOCK HEX NUT

Installation Instructions



RF4461D (QTY 1) & RF4439D (QTY 1) INSTALLATION



MTM1207-9305-00 INSTALLATION

INSTALL THE BRACKET MTM1207-9305-00 TO MTM1163-9307-00 USING 4 SETS OF M6 SCREWS (SELF TAPPING THREAD), TIGHTEN THEM DOWN AS SHOWN

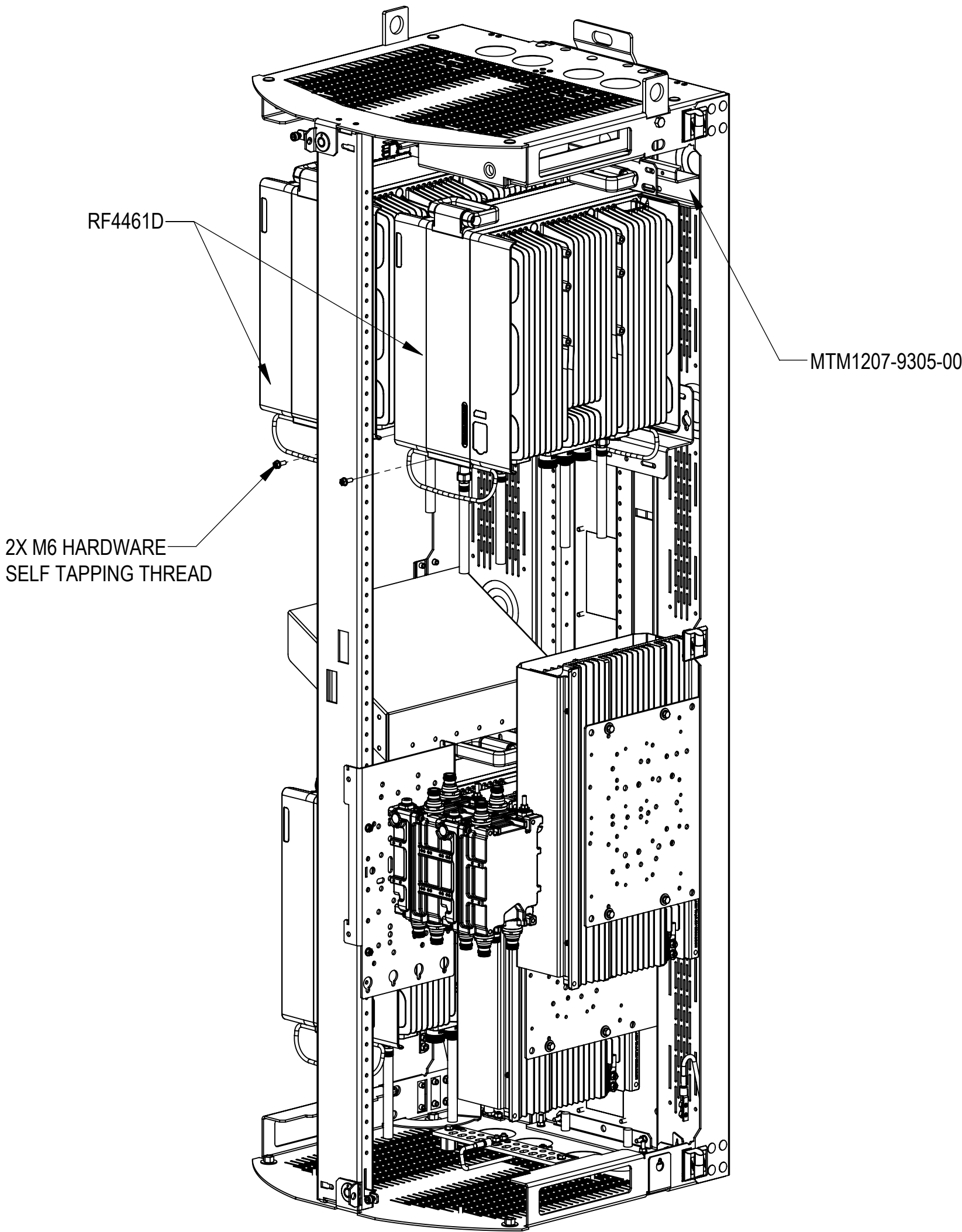
RF4461D LEFT & RF4439D RIGHT SUB-ASSEMBLY INSTALLATION

HANG RF4461D SUB-ASSEMBLY ON THE MTM1207-9305-00 AND SECURE BY 1 SETS OF M6 SCREWS (SELF TAPPING THREAD), TIGHTEN THEM DOWN AS SHOWN

HANG RF4439D SUB-ASSEMBLY ON THE MTM1207-9305-00 AND SECURE BY 1 SETS OF M6 SCREWS (SELF TAPPING THREAD), TIGHTEN THEM DOWN AS SHOWN

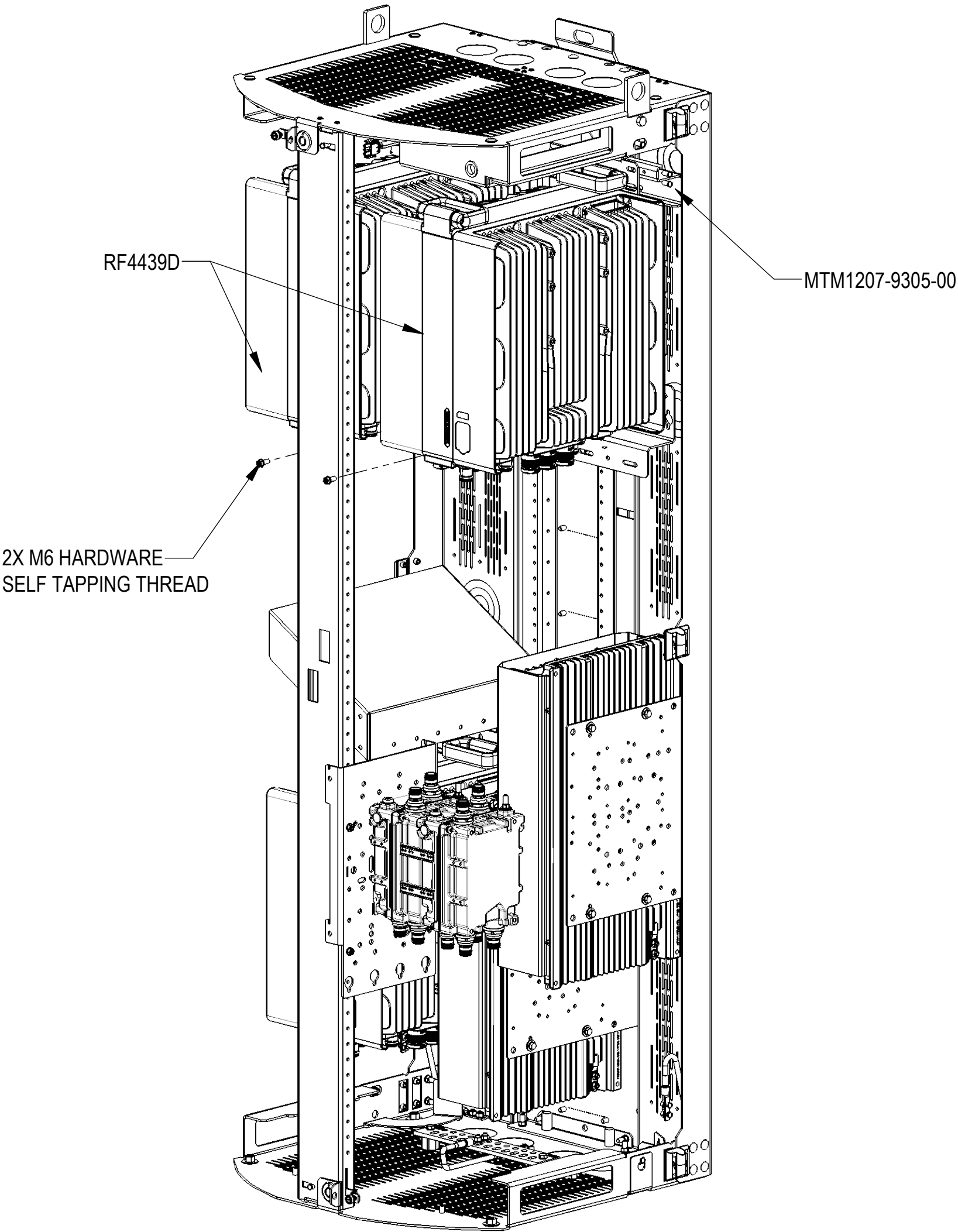
FRONT VIEW
BRACKETS MTM1207-9307-00 LOCATION SHOWN
FOR CONFIGS S03.01-S03.03
(DOORS NOT SHOWN)

RF4461D (QTY 2) & RF4439D (QTY 2) INSTALLATION



RF4461D SUB-ASSEMBLY INSTALLATION

HANG 2 SETS OF RF4461D SUB-ASSEMBLY ON THE MTM1207-9305-00 AND SECURE BY 2 SETS OF M6 SCREWS (SELF TAPPING THREAD), TIGHTEN THEM DOWN AS SHOWN



RF4439D SUB-ASSEMBLY INSTALLATION

HANG 2 SETS OF RF4439D SUB-ASSEMBLY ON THE MTM1207-9305-00 AND SECURE BY 2 SETS OF M6 SCREWS (SELF TAPPING THREAD), TIGHTEN THEM DOWN AS SHOWN

Installation Instructions



S3.01- RF4461D, RF4439D, RT8808, DELTA 3.0kW OR DELTA 2.0kW (QTY 2), FIBER BOX

S3.02- RF4461D (QTY 3), DELTA 3.0kW OR DELTA 2.0kW (QTY 2), DIPLEXER, FAN KITS

S3.02- RF4439D (QTY 3), DELTA 3.0kW OR DELTA 2.0kW (QTY 2), DIPLEXER, FAN KITS

