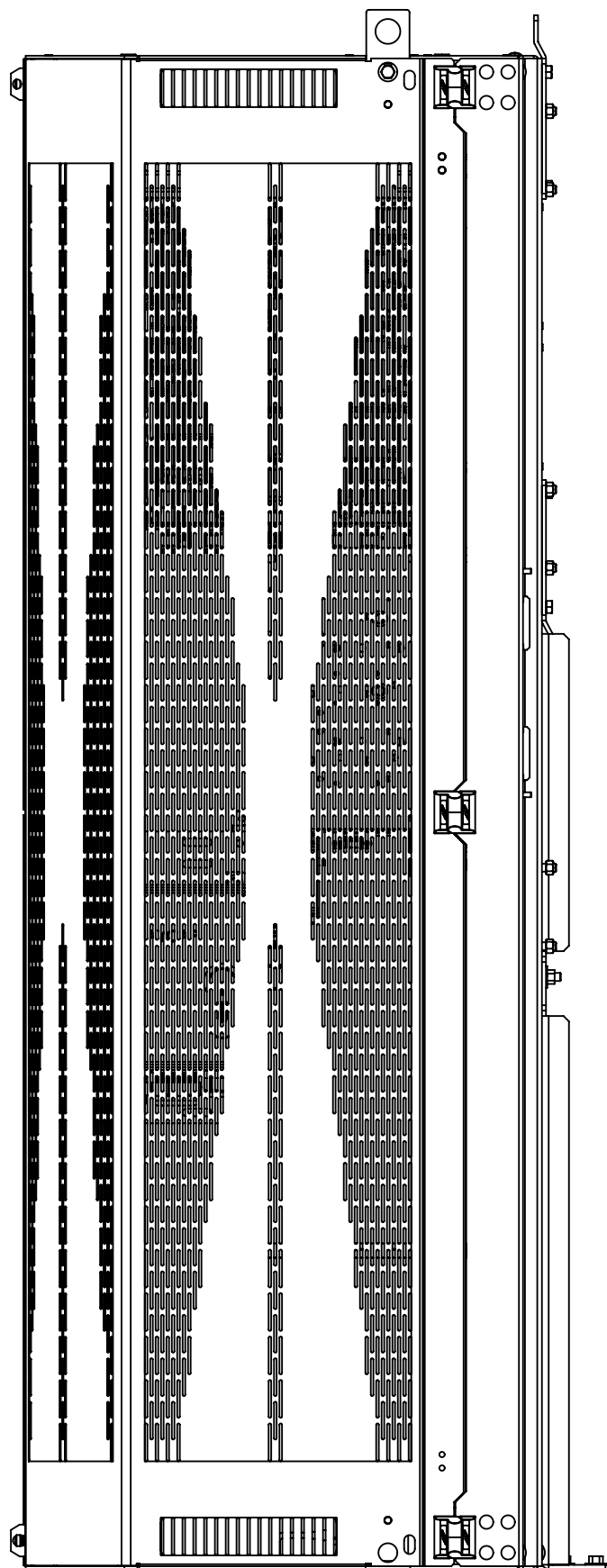
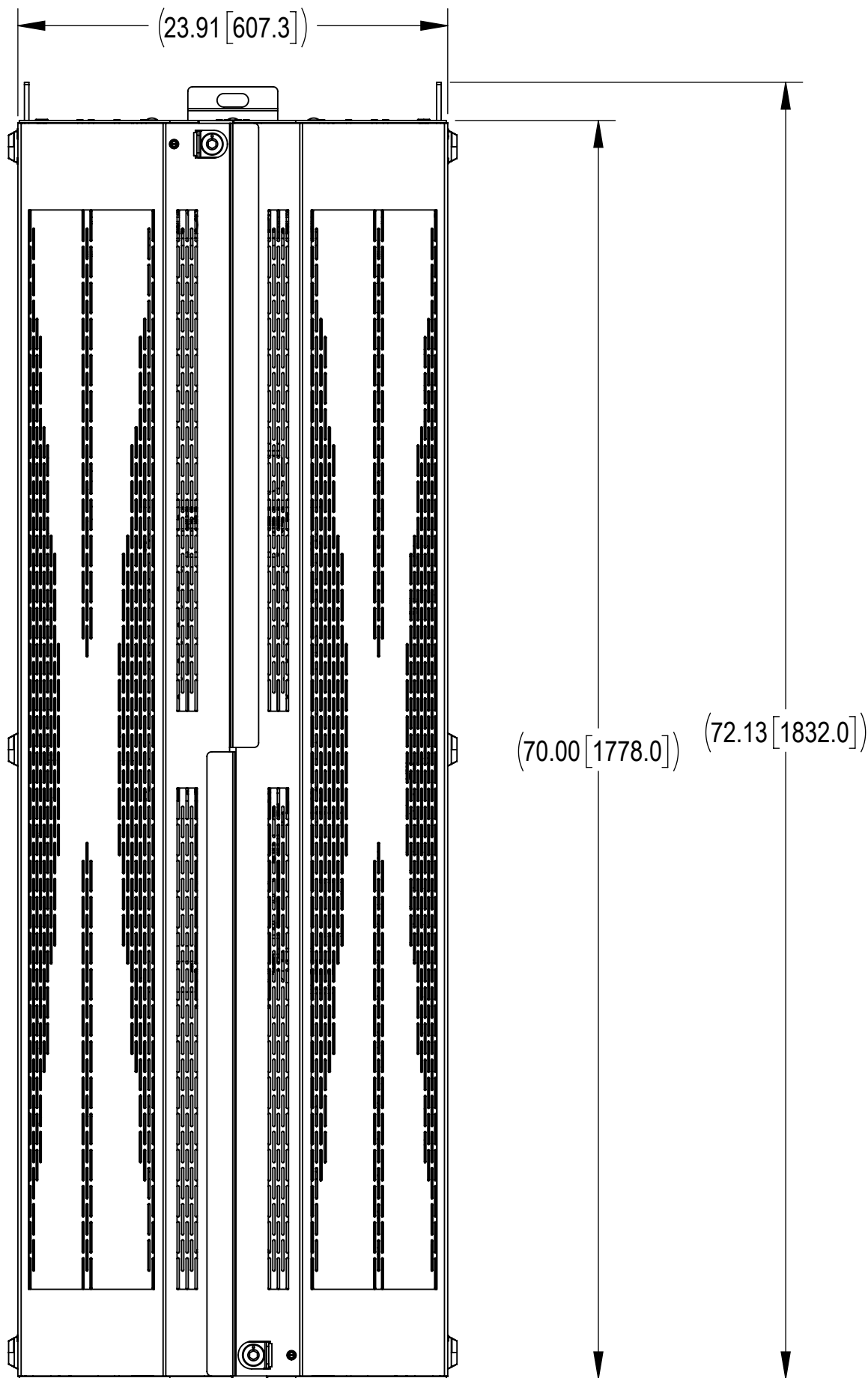
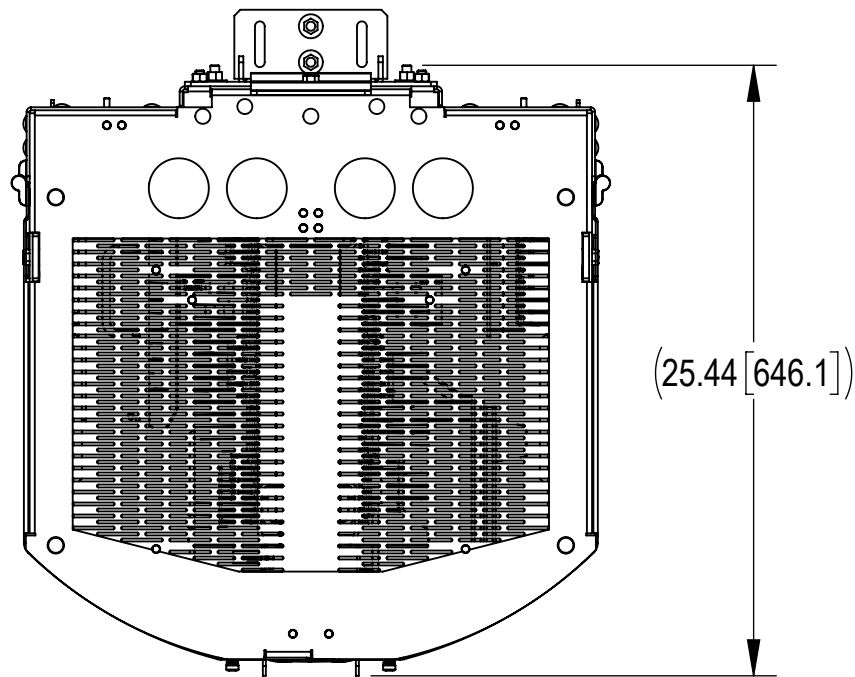
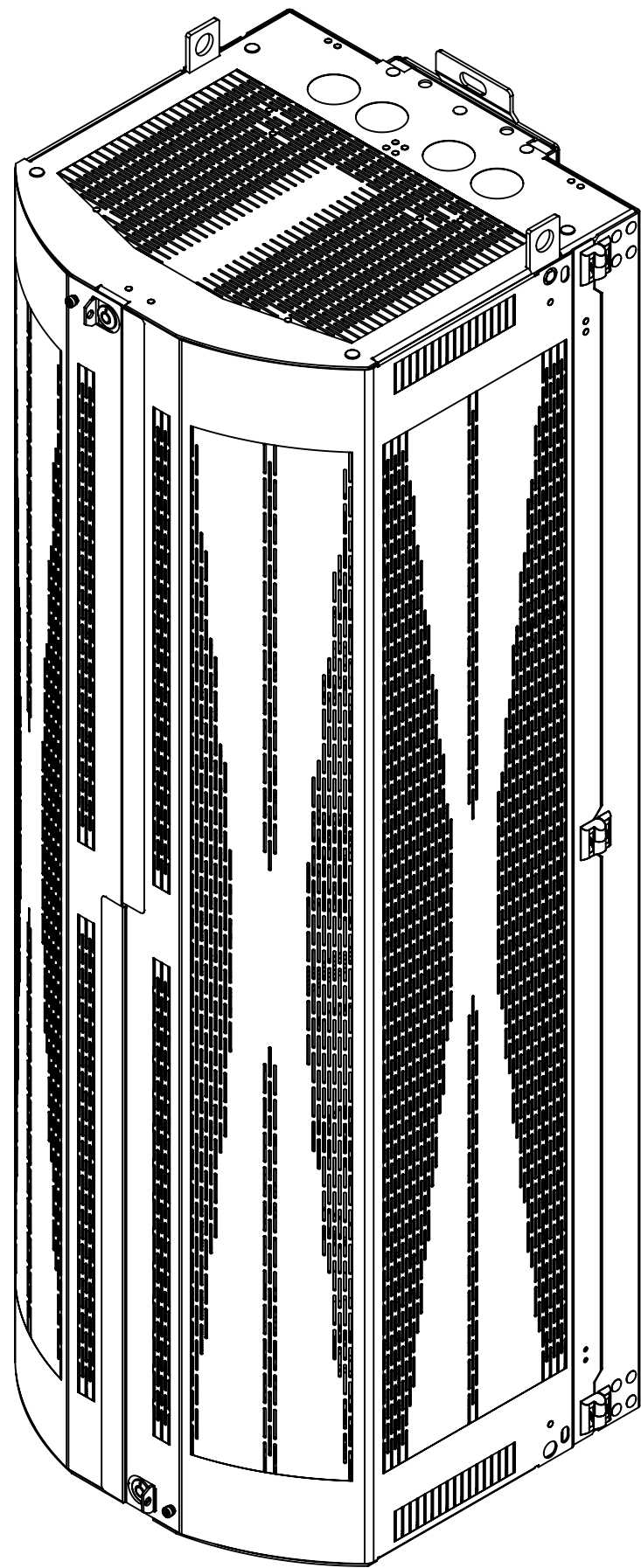


Installation Instructions



860252485-S001-INSTALL INSTALLATION INSTRUCTION METRO BRKS SAM CONFIG 1 HCRE



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	MS1288 17APR26	LX1002 50107910AMO

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

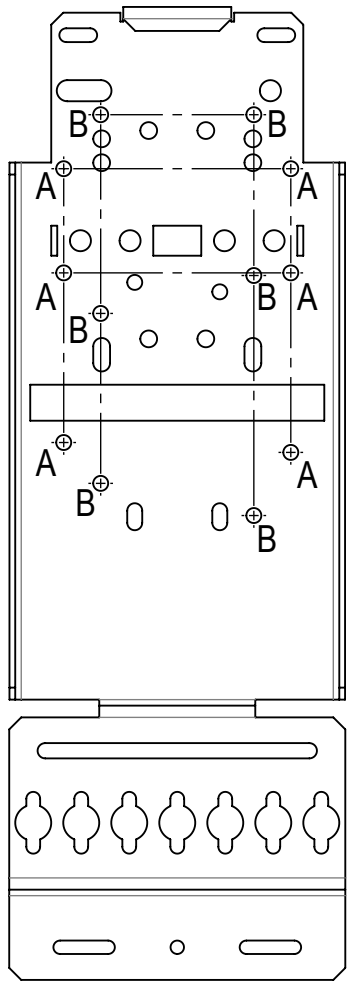
Further information regarding ANDREW's commitment can be found at <https://www.andrew.com/sustainability/>.
Visit our website or contact your local ANDREW representative for more information.
This product is covered by one or more U.S. patents or their foreign equivalents. For patents, see www.adwpat.com.

- 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.

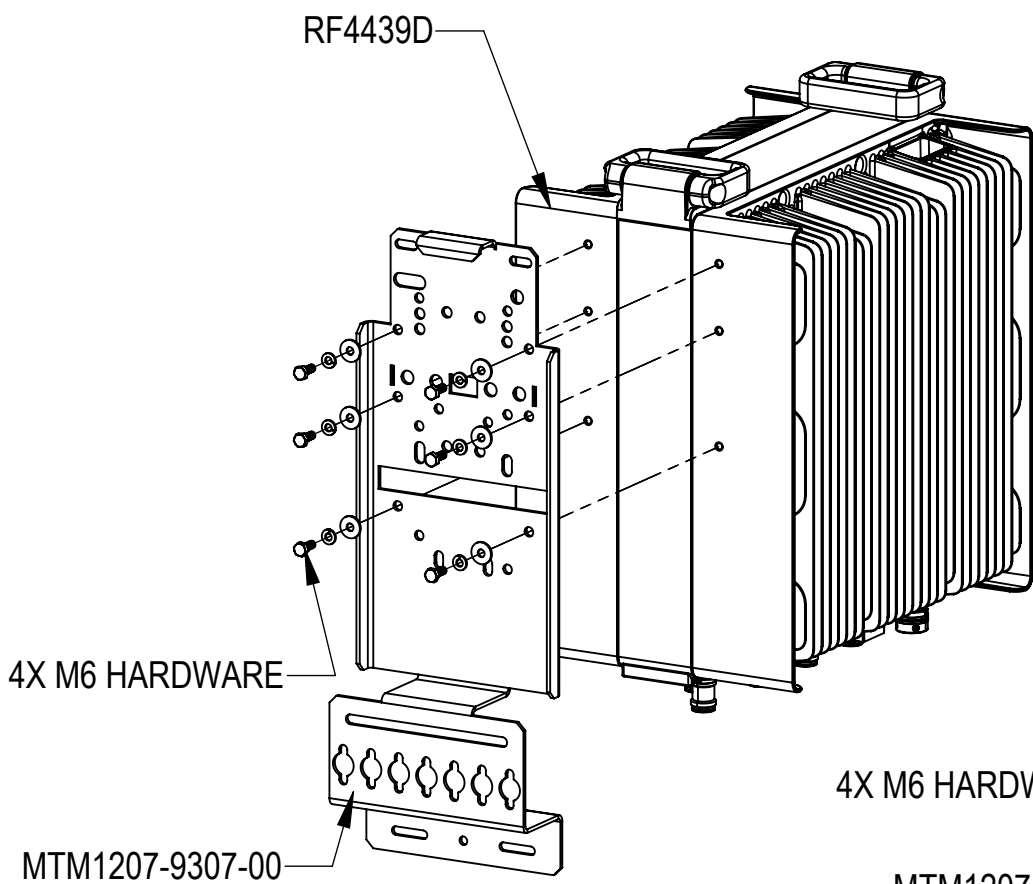
SAMSUNG CONFIGURATION	3.2> APPROVED SAMSUNG RADIO CONFIGURATIONS								
	SAMSUNG 700/850 ORAN (RF4461D)	SAMSUNG 160W DUALBAND (RF4402D-D1A)	SAMSUNG 320W 700/850 ORAN (RF4440D-13A)	SAMSUNG 320W PCS/AWS ORAN RU (RF4439D-25A)	DELTA 3.0kW RECTIFIER "ESR-4860E U-S" OR DELTA 2.0kW RECTIFIER "ESR-4838A"	SAMSUNG LAA RT2201-46A	SAMSUNG CBRS RT4401-48A OR RT4423-48A	SDX1926Q-43	RAYCAP
S1.01				1	1	1	1	1	1
S1.02			1		1	1	1	1	1
S1.03		1			1	1	1	1	1
S1.04	1				1	1	1	1	1

EQUIPMENT MOUNTING INSTALLATION

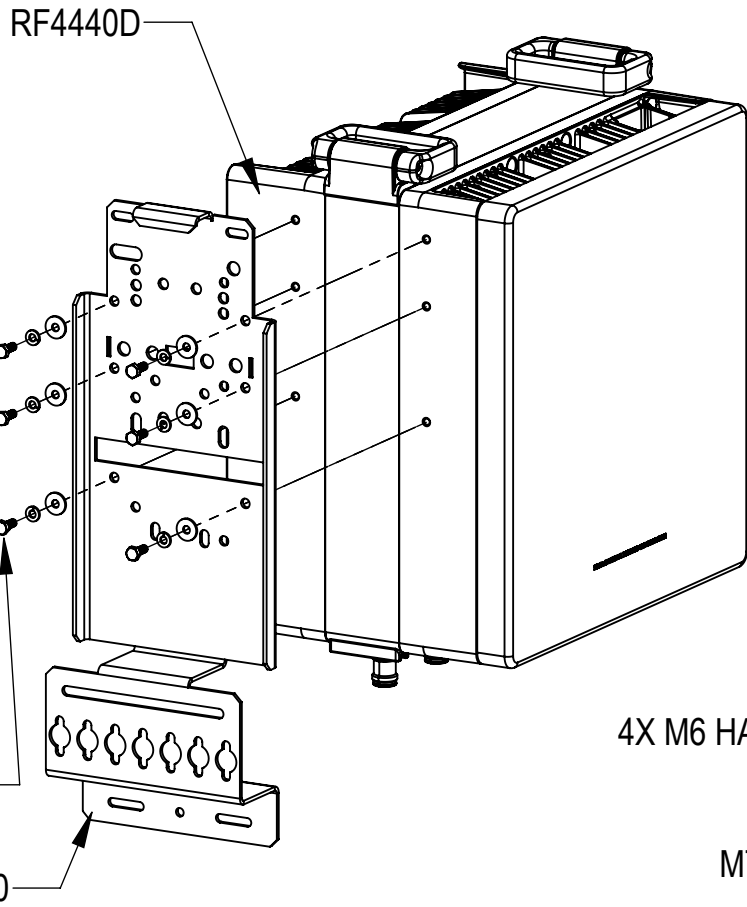
RADIO INSTALLATION
HCRE MOUNTING BRACKET
MTM1207-9307-00



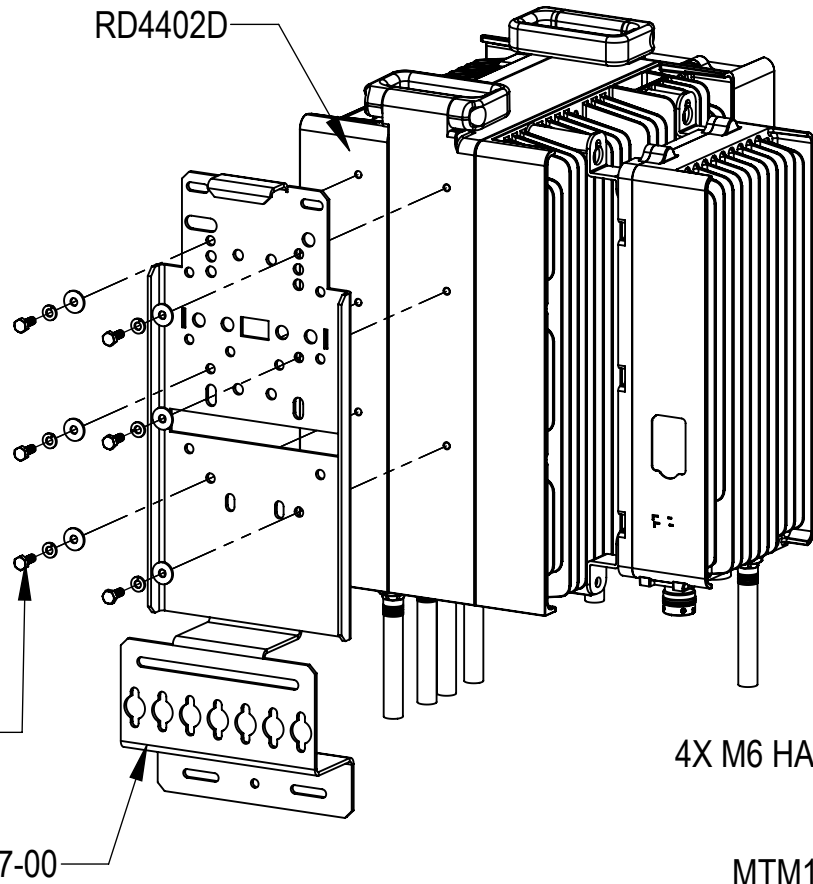
"A": RF4439D, RF4440D, RF4461D
"B": RF4402D



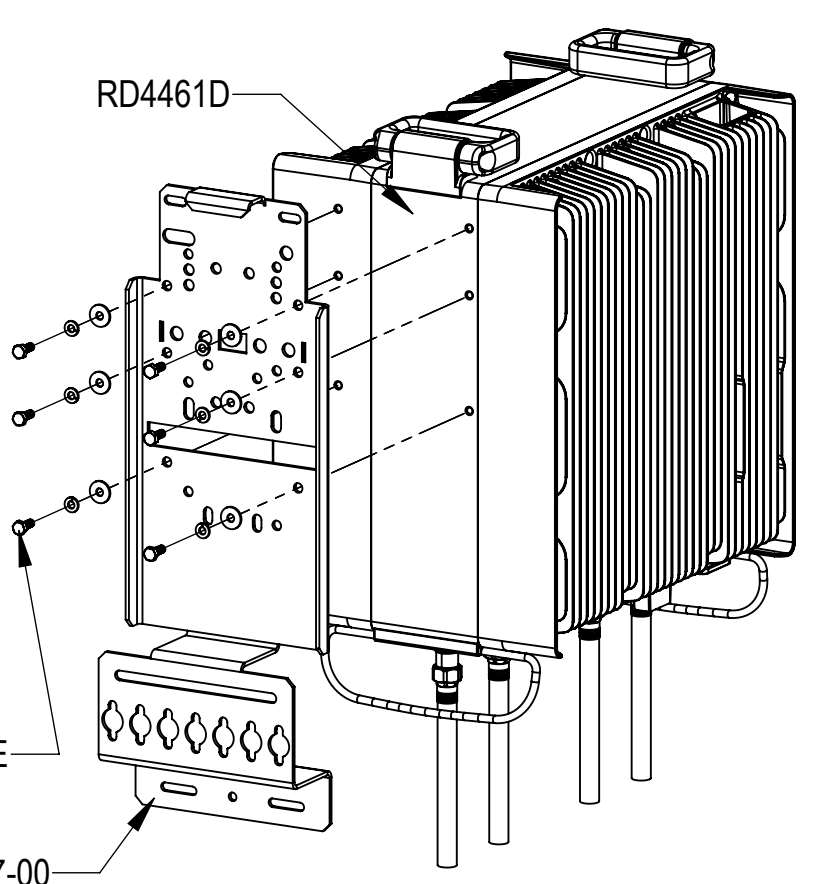
RF4439D:
INSTALL RF4439D TO THE BRACKET MTM1207-9307-00 USING 6 SETS OF M6 HEX BOLT, LOCK WASHER AND FLAT WASHER AS SHOWN



RF4440D:
INSTALL RF4440D TO THE BRACKET MTM1207-9307-00 USING 6 SETS OF M6 HEX BOLT, LOCK WASHER AND FLAT WASHER AS SHOWN

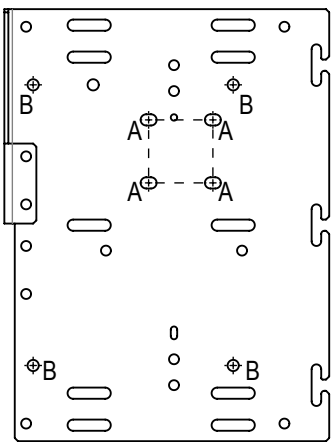


RF4402D:
INSTALL RF4402D TO THE BRACKET MTM1207-9307-00 USING 6 SETS OF M6 HEX BOLT, LOCK WASHER AND FLAT WASHER AS SHOWN

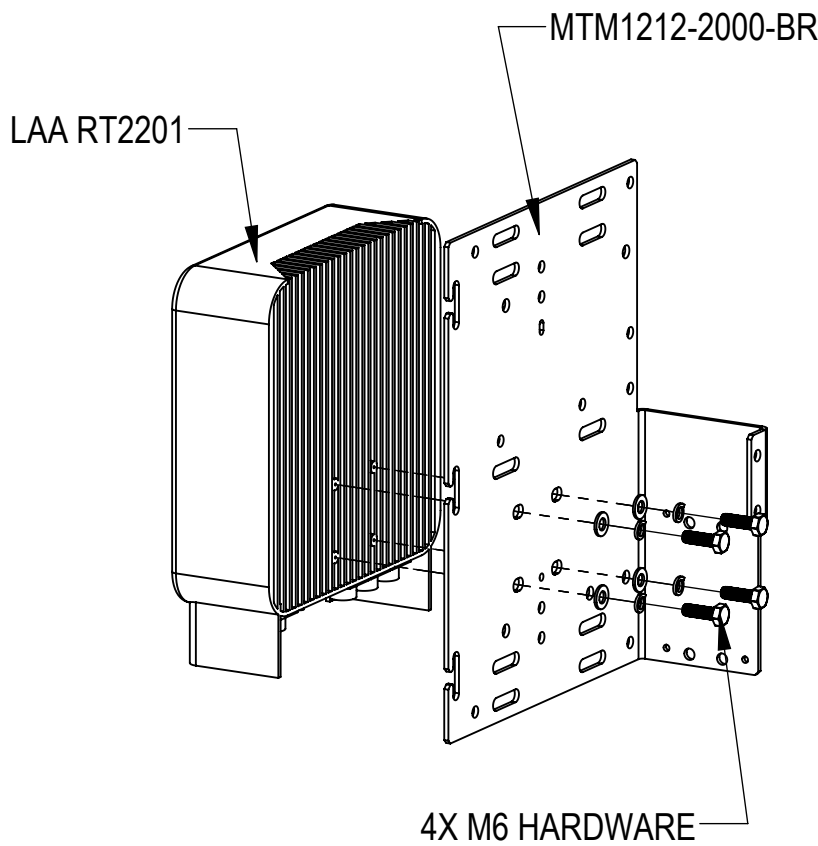


RF4461D:
INSTALL RF4461D TO THE BRACKET MTM1207-9307-00 USING 6 SETS OF M6 HEX BOLT, LOCK WASHER AND FLAT WASHER AS SHOWN

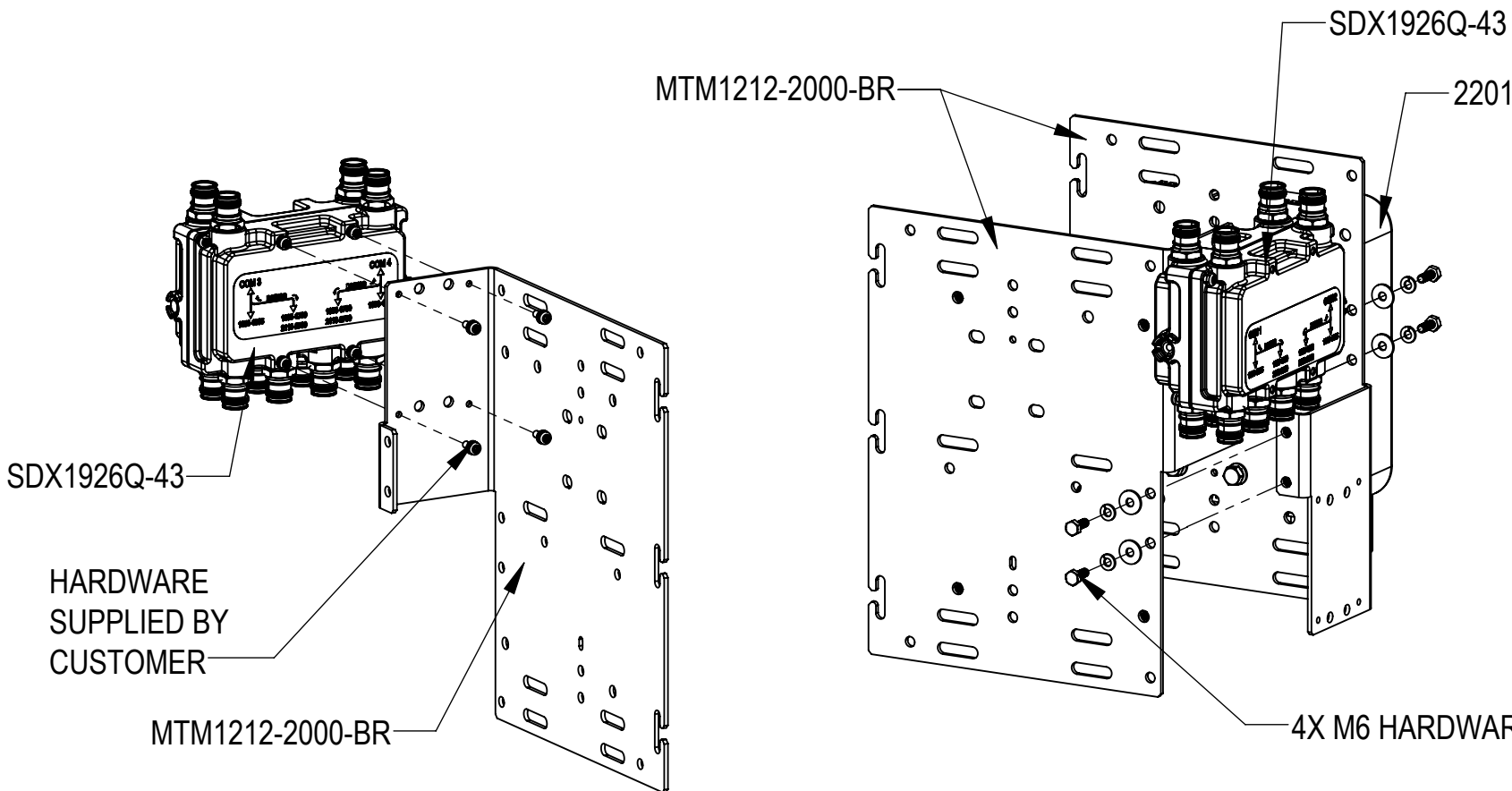
RADIO INSTALLATION
HCRE MOUNTING BRACKET
MTM1212-2000-BR



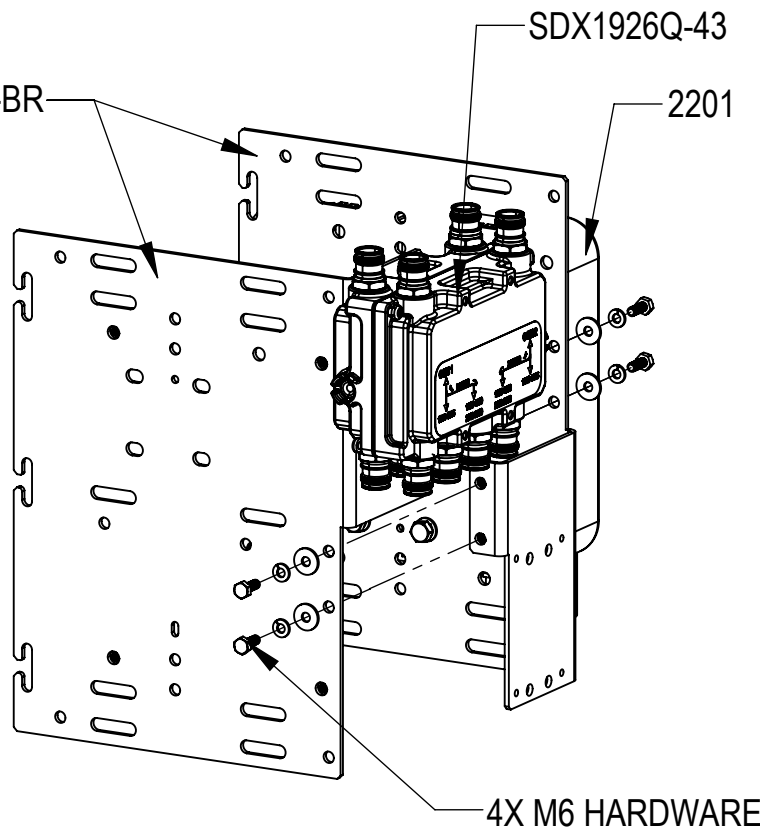
"A": LAA RT2201
"B": RAYCAP



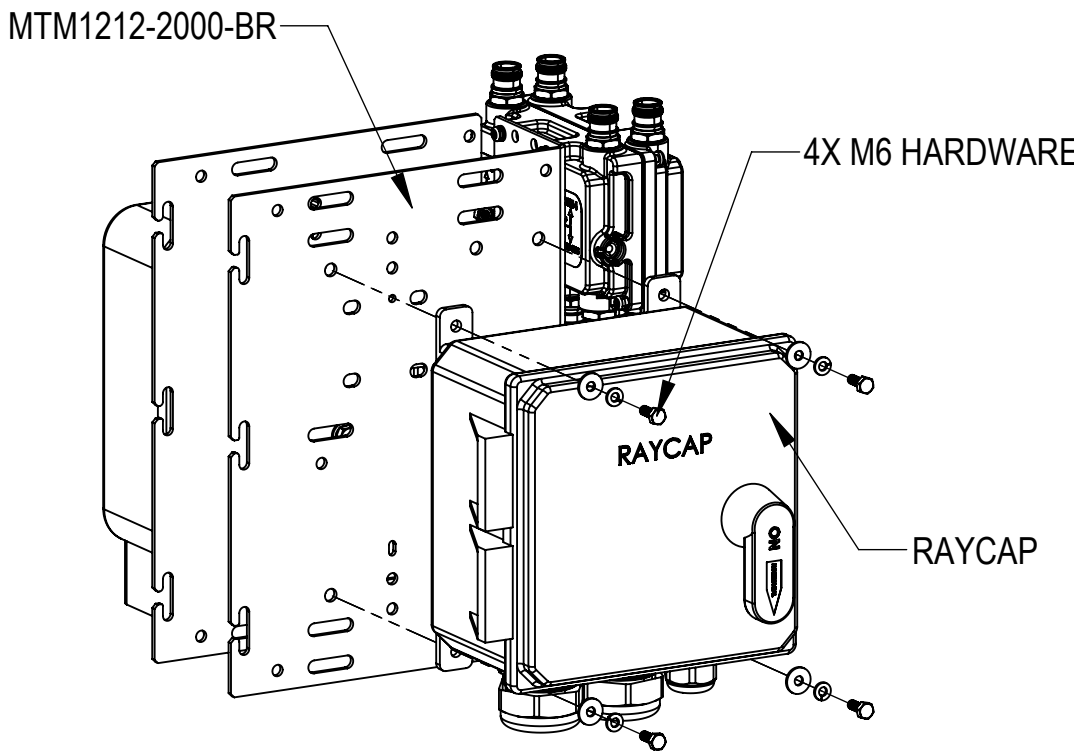
LAA RT2201:
INSTALL LAA RT2201 TO THE BRACKET MTM1212-2000-BR USING 4 SETS OF M6 HEX BOLT, LOCK AND FLAT WASHER AS SHOWN



SDX1926Q-43:
INSTALL SDX1926Q-43 TO THE BRACKET MTM1212-2000-BR USING 4 SETS OF M5 HEX BOLT, LOCK WASHER AND FLAT WASHER AS SHOWN



BRACKETS MTM1212-2000-BR:
INSTALL LAA RT2201 SUB-ASSEMBLY TO SDX1926Q-43 SUB-ASSEMBLY USING 4 SETS OF M6 HEX BOLT, LOCK WASHER, FLAT WASHER & NUT AS SHOWN

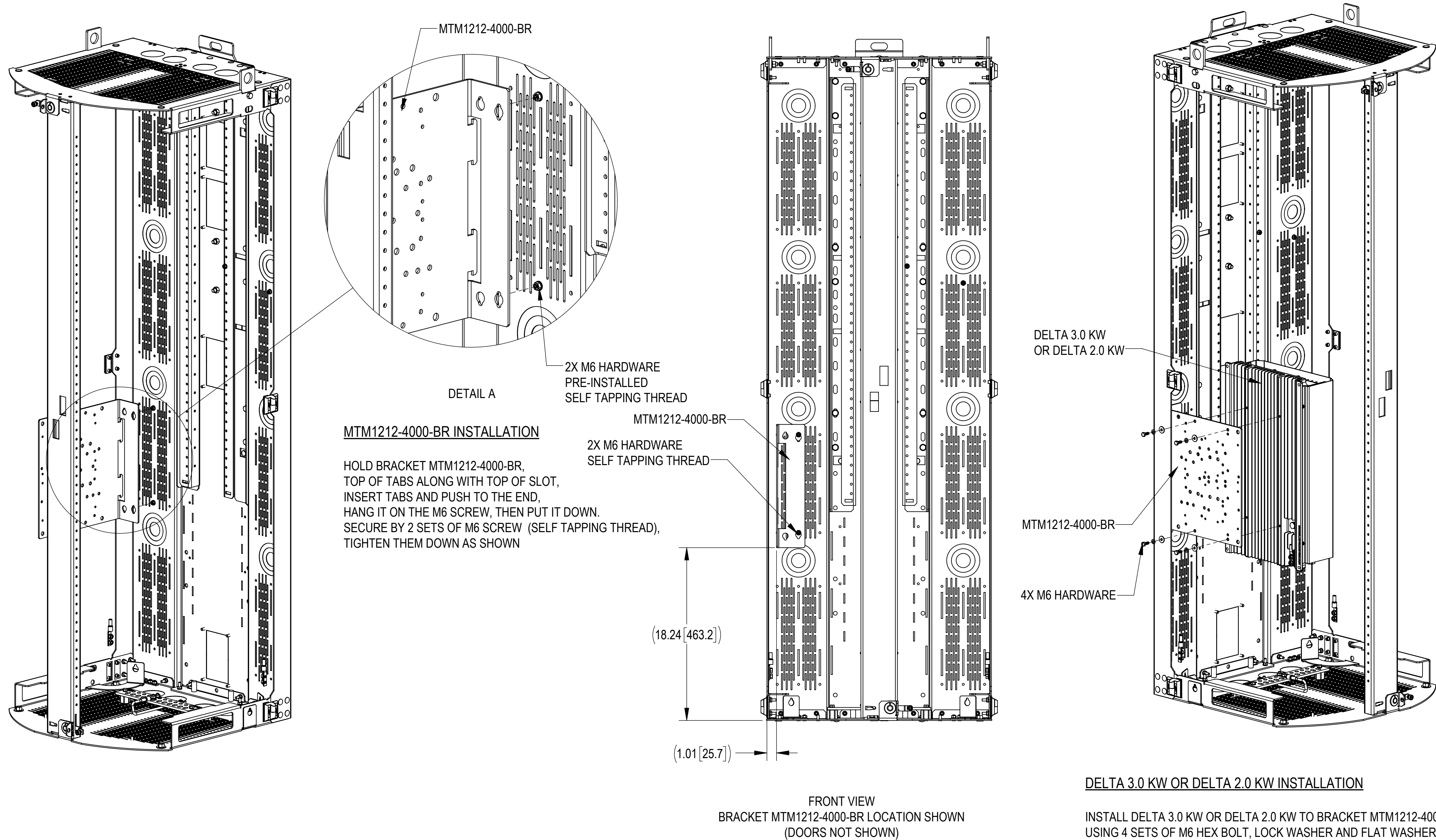


RAYCAP:
INSTALL RAYCAP TO THE BRACKET MTM1212-2000-BR USING 4 SETS OF M6 HEX BOLT, LOCK WASHER, FLAT WASHER AND NUT AS SHOWN

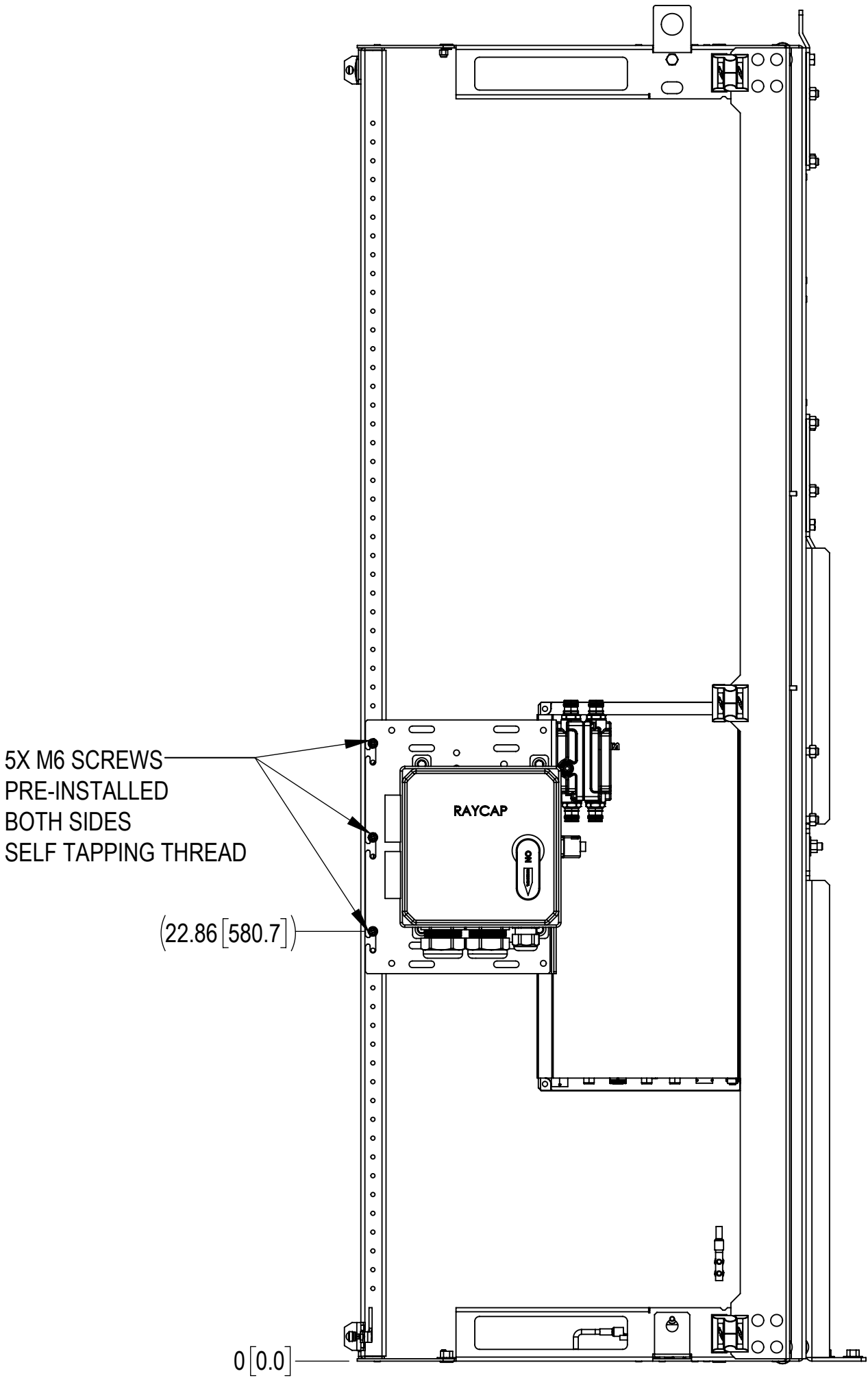
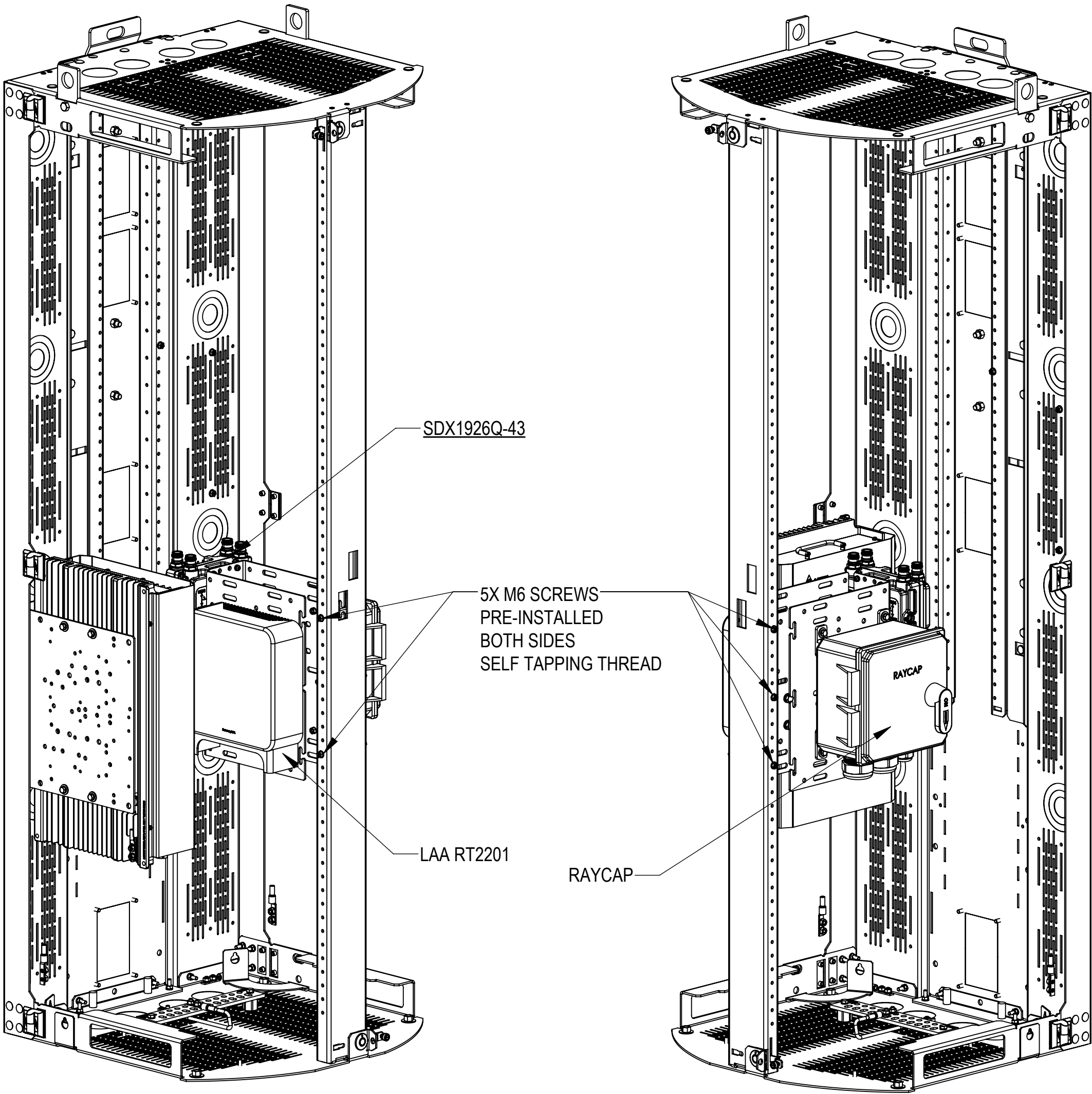
Installation Instructions



PSU DELTA 3.0 KW OR DELTA 2.0 KW INSTALLATION



LAA RT2201, RAYCAP AND SDX1926Q-43 INSTALLATION

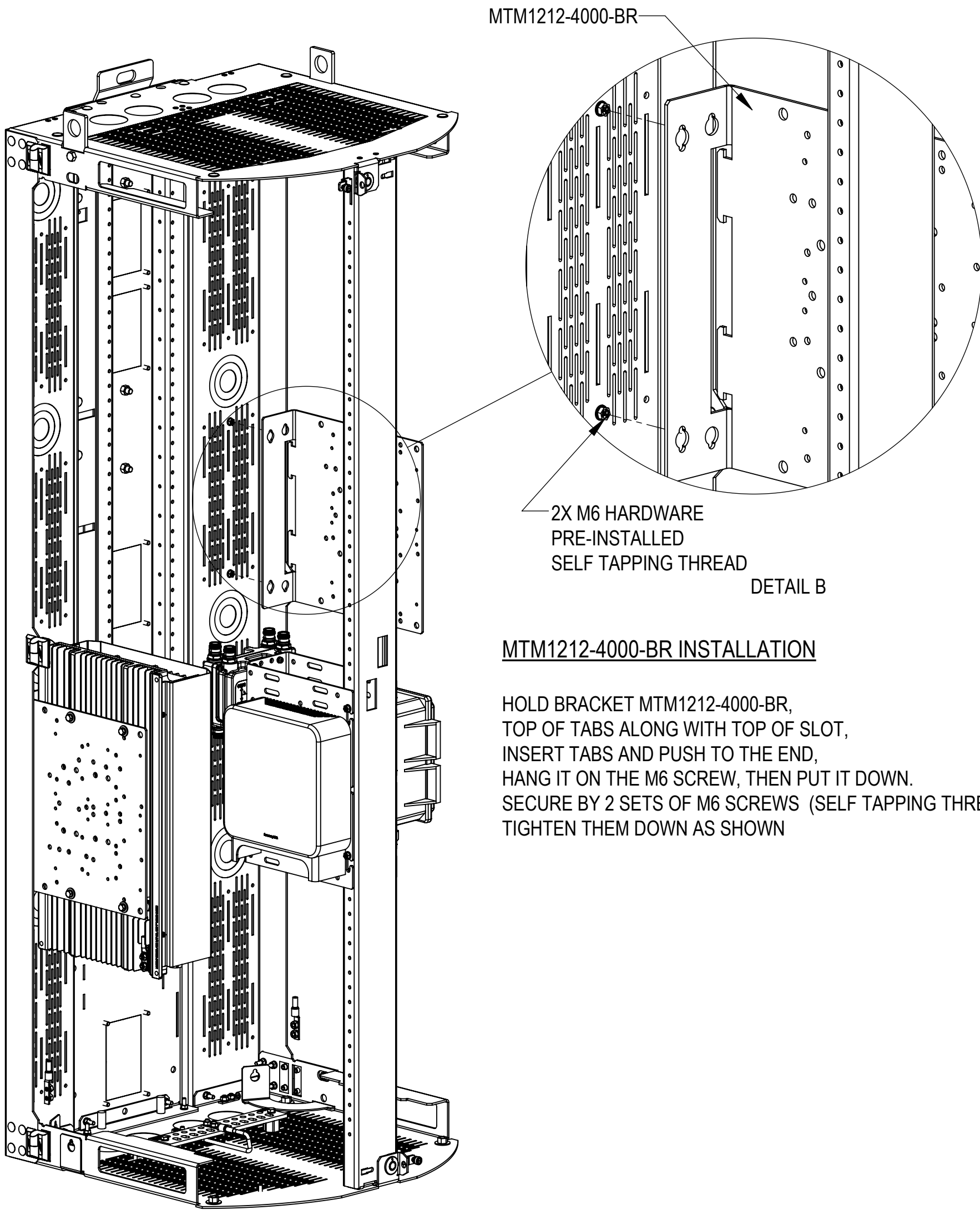


LAA RT2201, RAYCAP & SDX1926Q-43 SUB-ASSEMBLY INSTALLATION

HANG LAA RT2201, RAYCAP & SDX1926Q-43 SUB-ASSEMBLY ON THE M6 SCREWS (SELF TAPPING THREAD), TIGHTEN THEM DOWN AS SHOWN

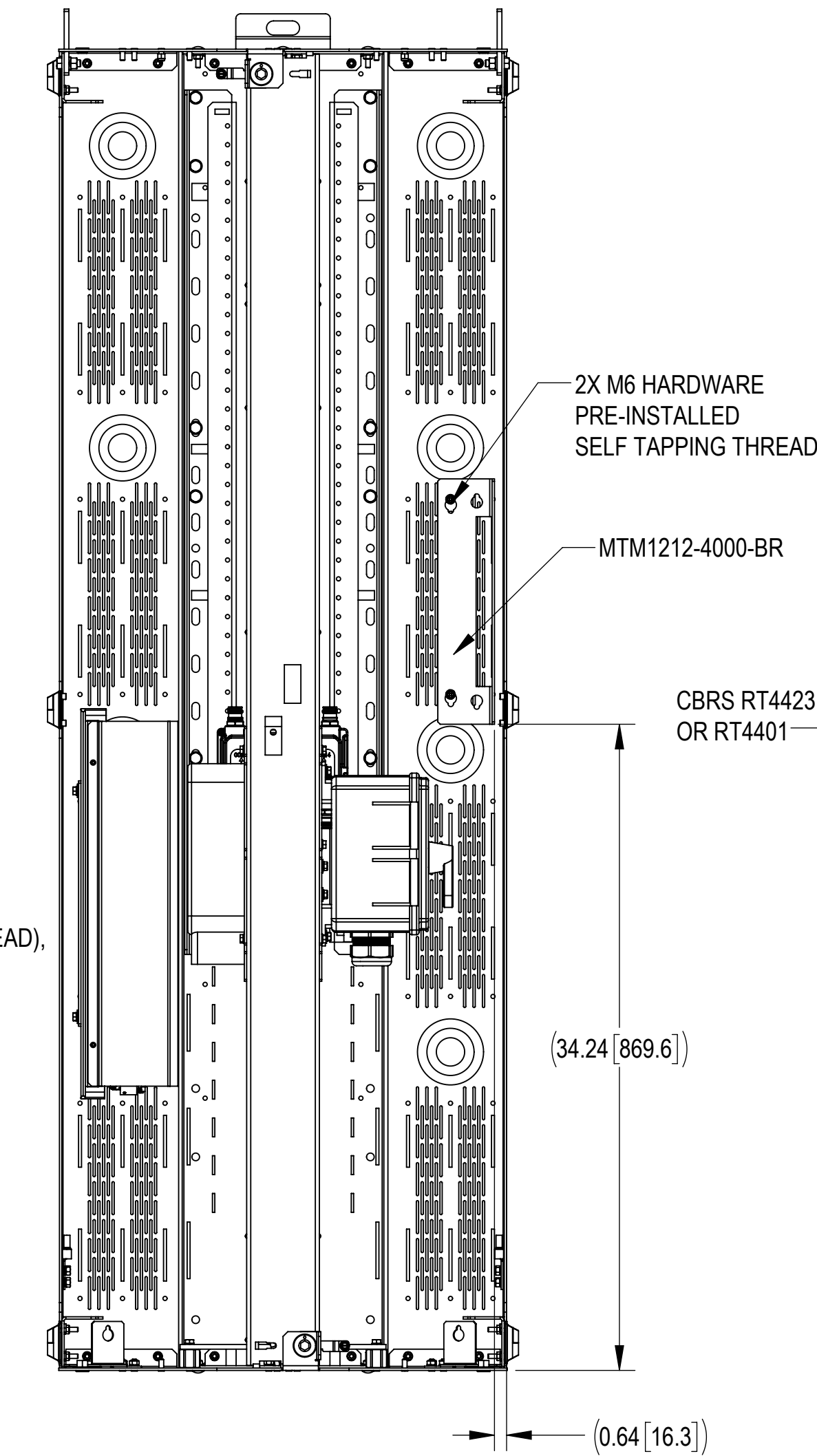
RIGHT VIEW
M6 SCREWS LOCATION SHOWN
(DOORS NOT SHOWN)

CBRS RT4423 OR RT4401 INSTALLATION

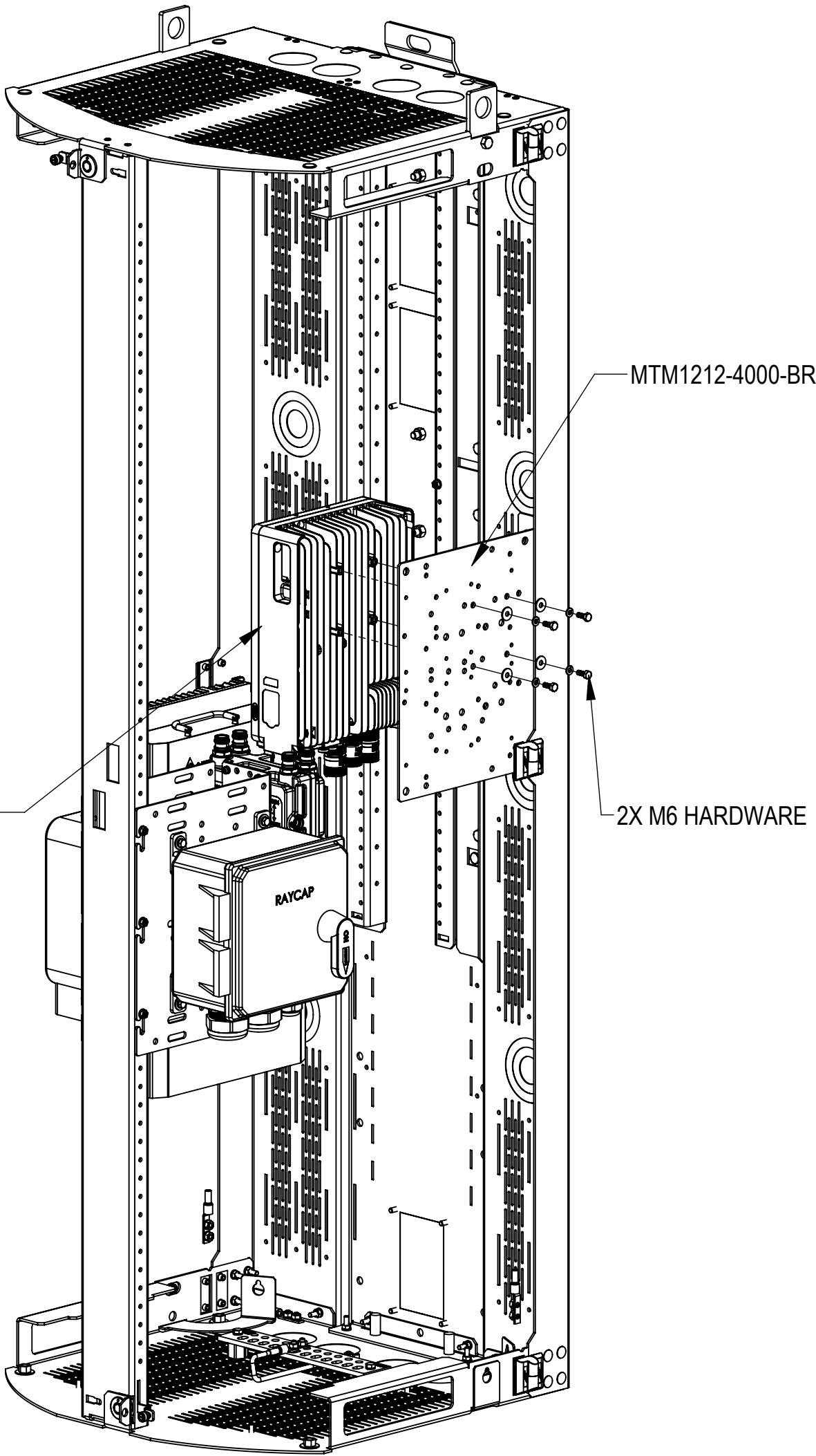


MTM1212-4000-BR INSTALLATION

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 2 SETS OF M6 SCREWS (SELF TAPPING THREAD),
TIGHTEN THEM DOWN AS SHOWN



FRONT VIEW
BRACKET MTM1212-4000-BR LOCATION SHOWN
(DOORS NOT SHOWN)



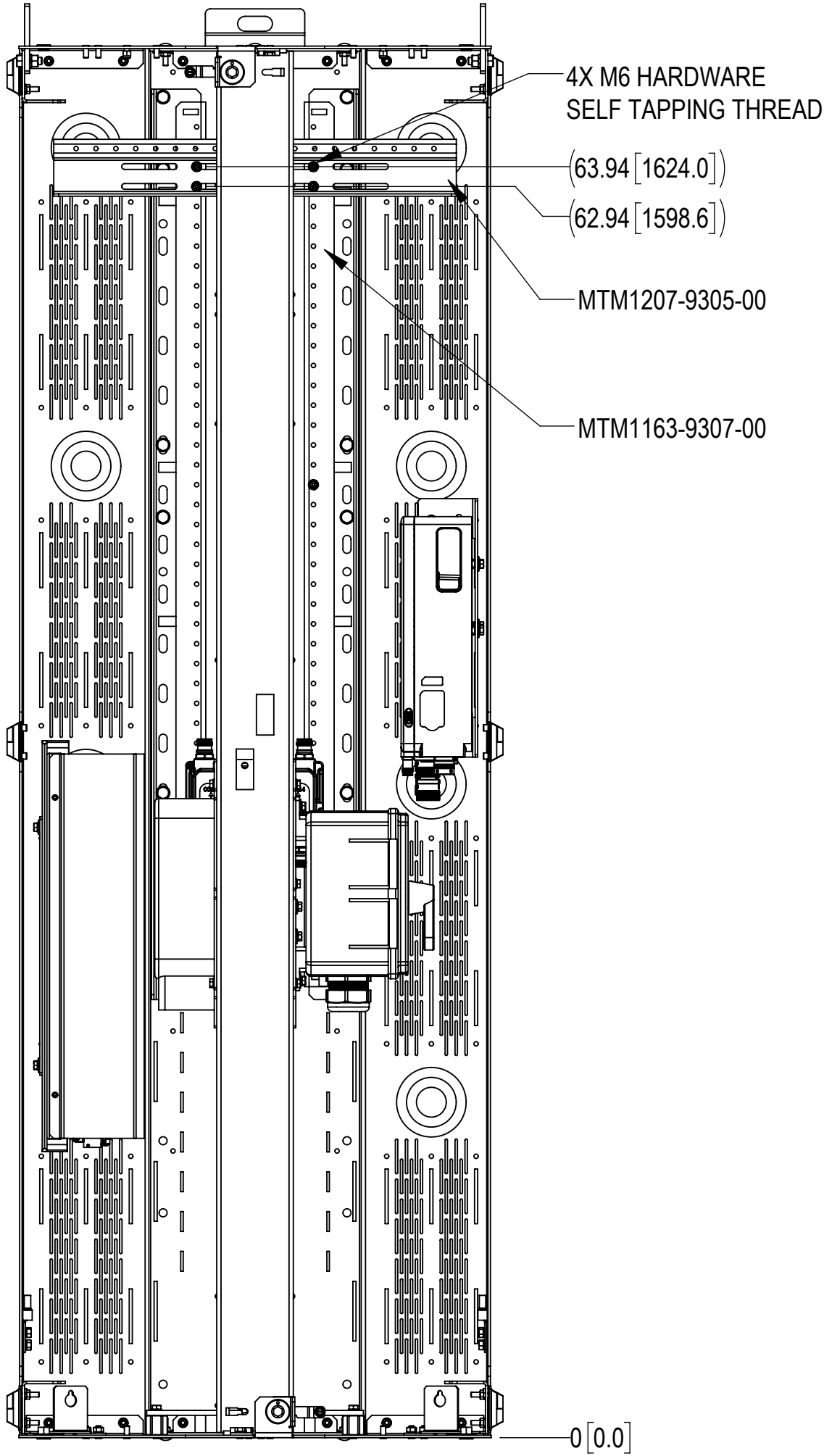
CBRS RT4423 OR RT4401 INSTALLATION

INSTALL CBRS RT4423 OR RT4401 TO BRACKET MTM1212-4000-BR USING
4 SETS OF M6 HEX BOLT, LOCK WASHER AND FLAT WASHER AS SHOWN

Installation Instructions

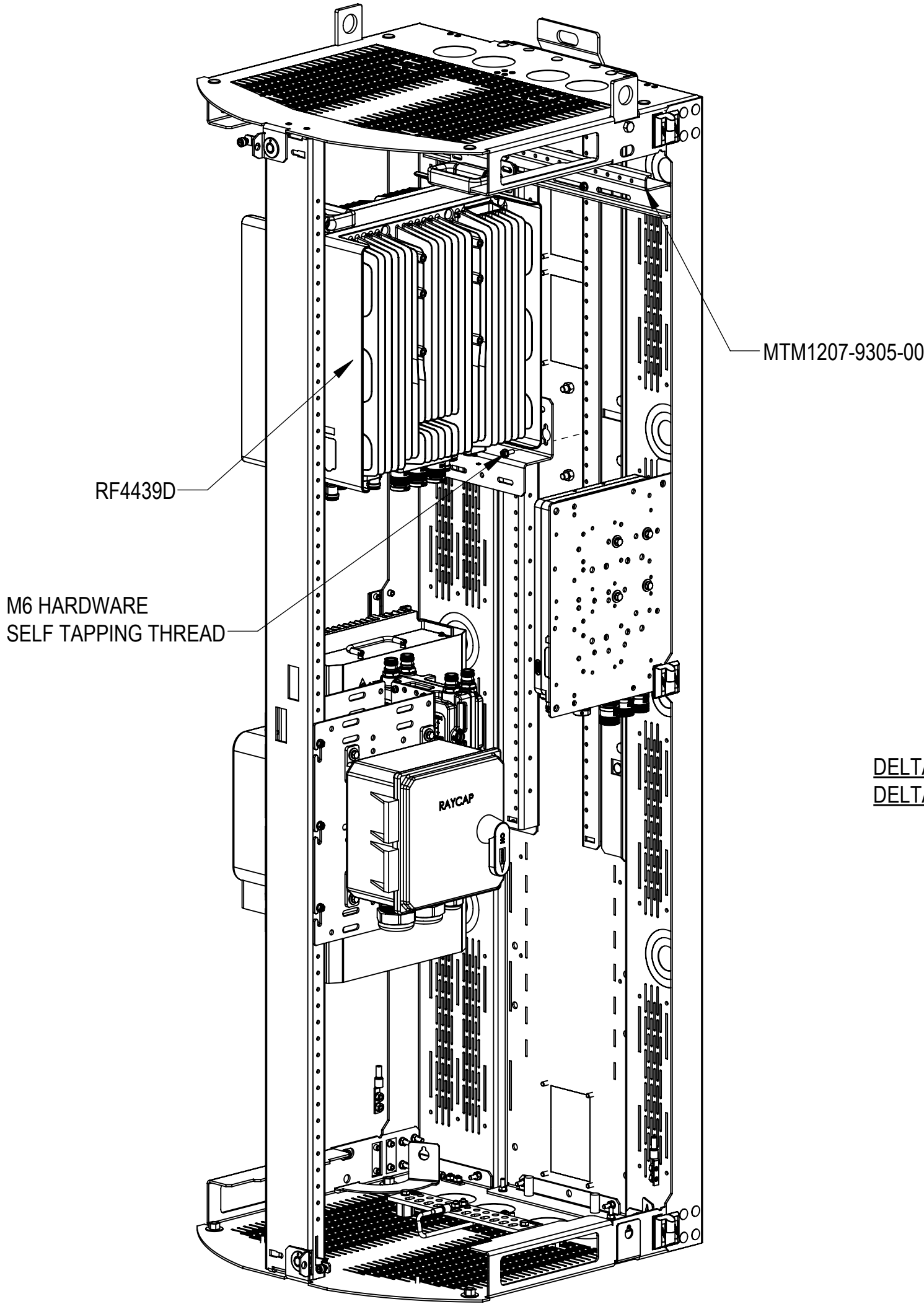


S1.01- RF4439D, DELTA 3.0kW OR DELTA 2.0kW, LAA RT2201, CBRS RT4401 OR RT4423, SDX1926Q-43 AND RAYCAP



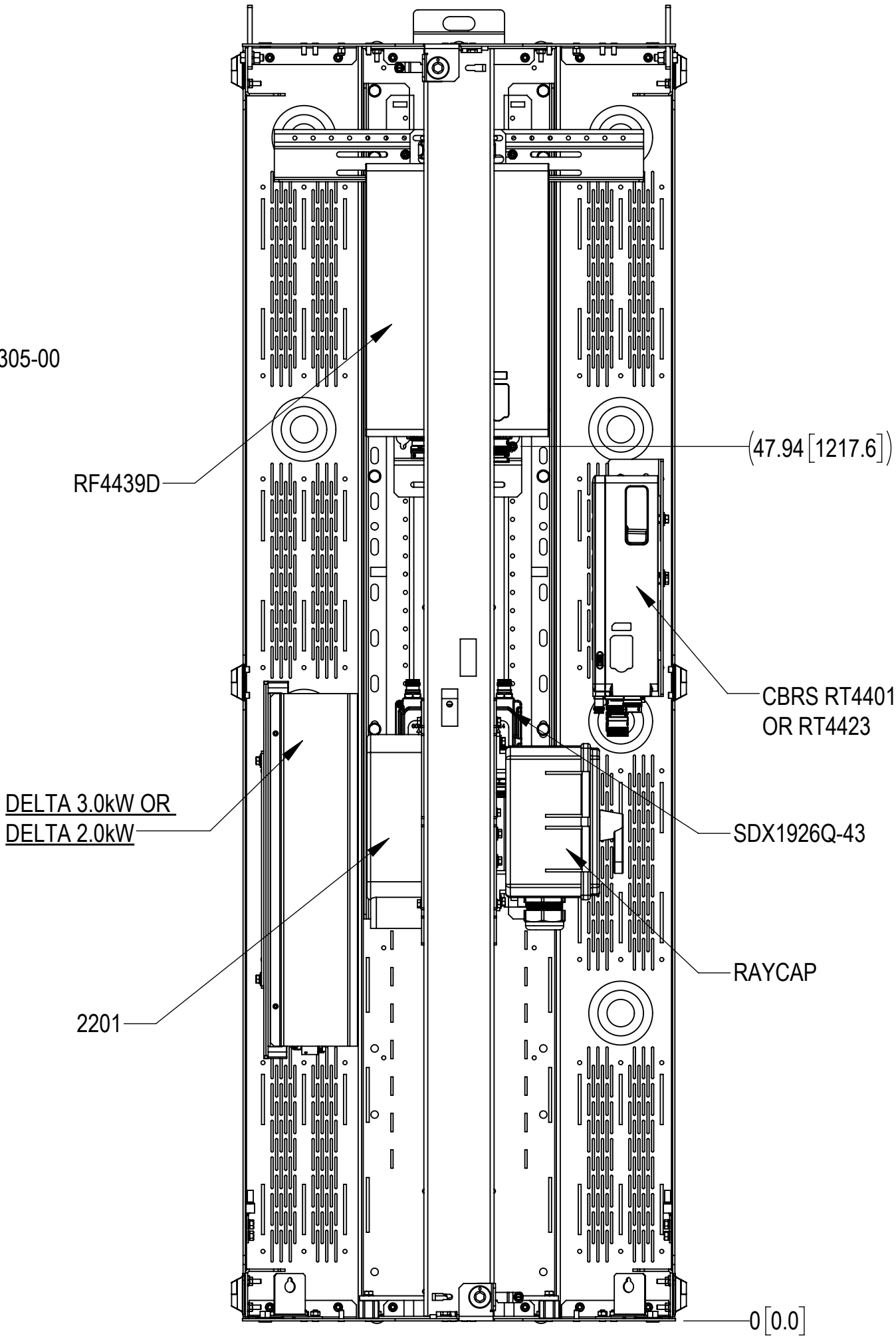
MTM1207-9305-00 INSTALLATION

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



RF4439D INSTALLATION

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

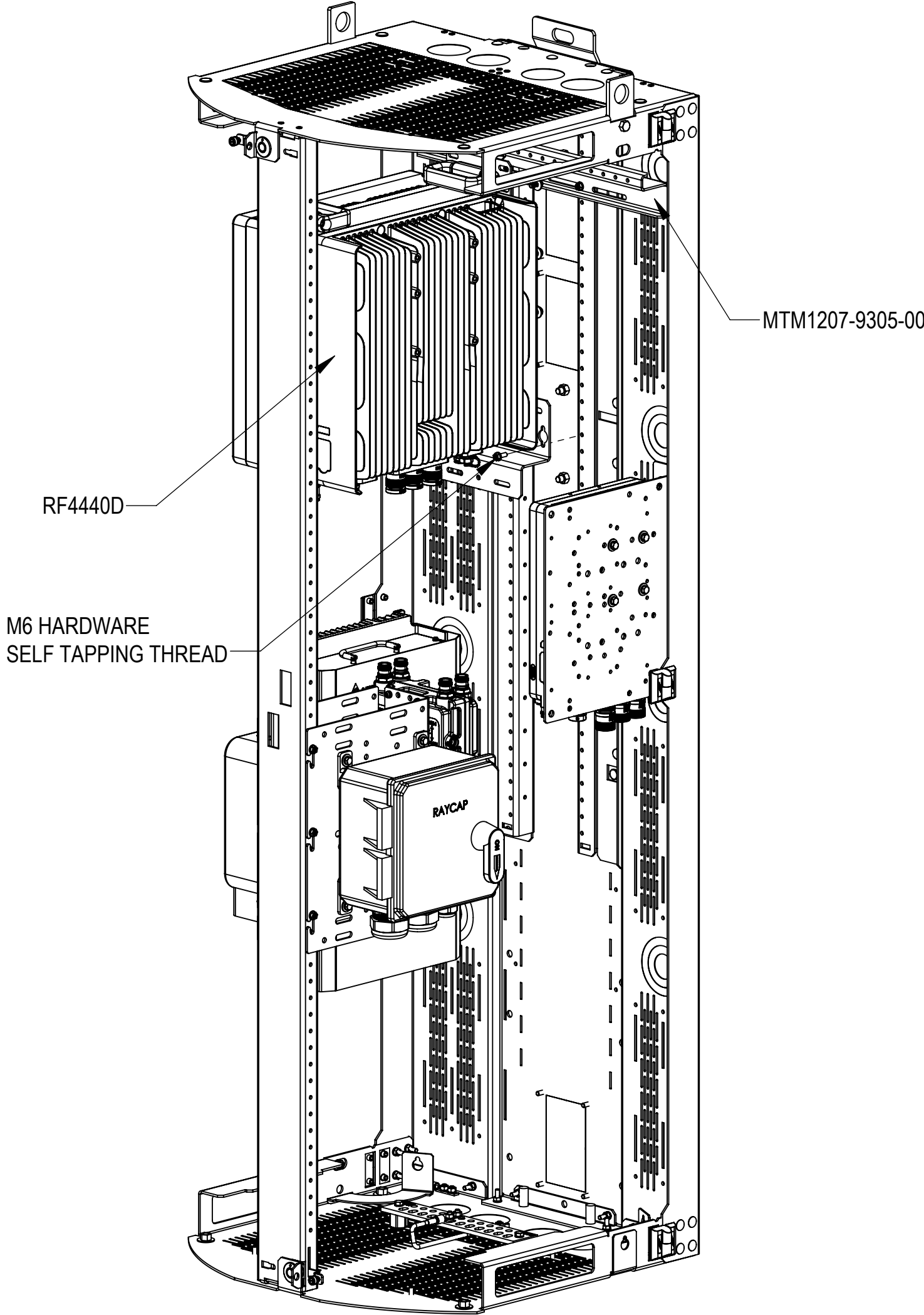


FRONT VIEW
SAMSUNG CONFIGURATION S1.01
(DOORS NOT SHOWN)

Installation Instructions

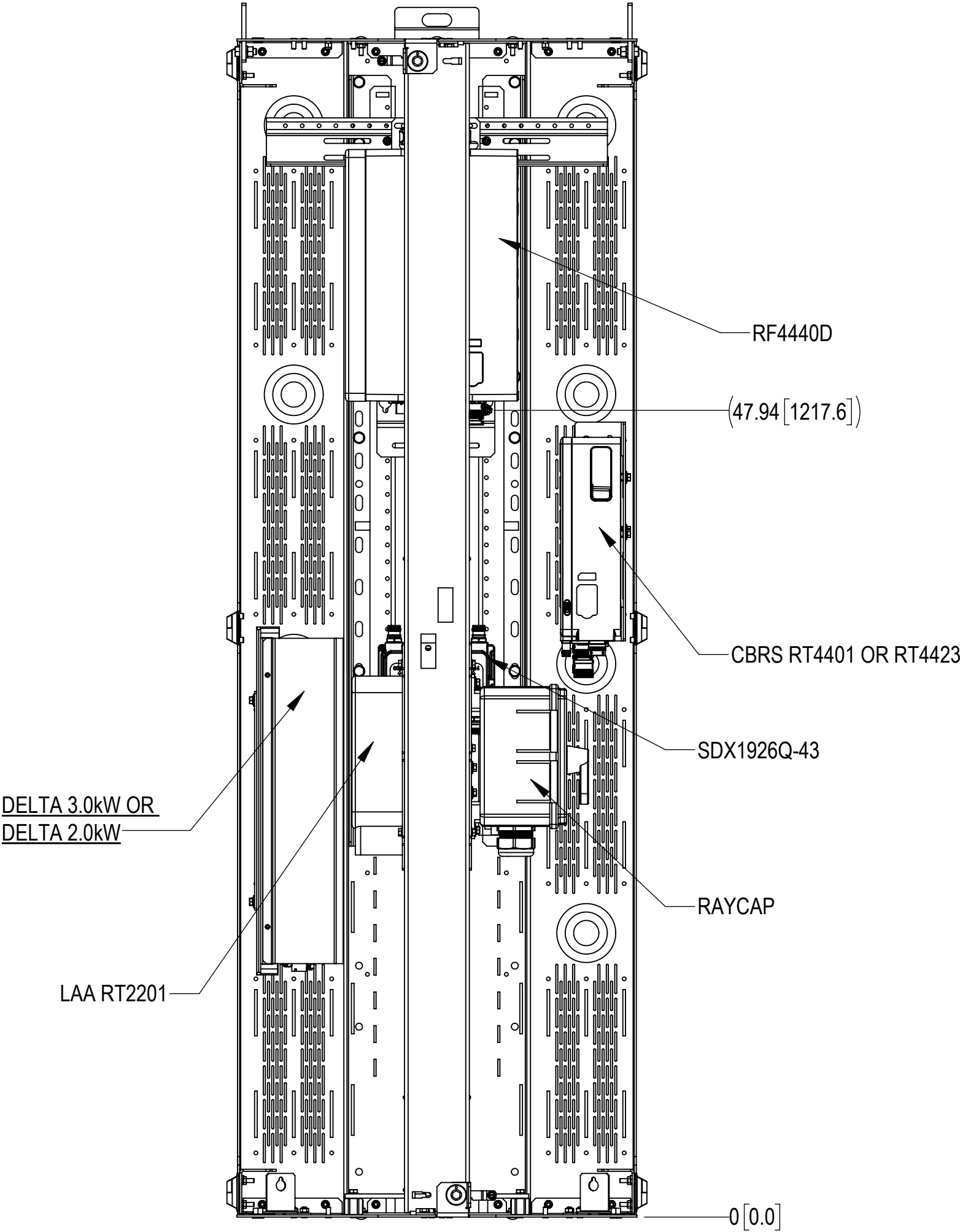


S1.02- RF4440D, DELTA 3.0kW OR DELTA 2.0kW, LAA RT2201, CBRS RT4401 OR RT4423, SDX1926Q-43 AND RAYCAP



RF4440D INSTALLATION

HANG RF4440D SUB-ASSEMBLY ON THE MTM1207-9305-00 AND SECURE BY M6 SCREWS (SELF TAPPING THREAD), TIGHTEN THEM DOWN AS SHOWN

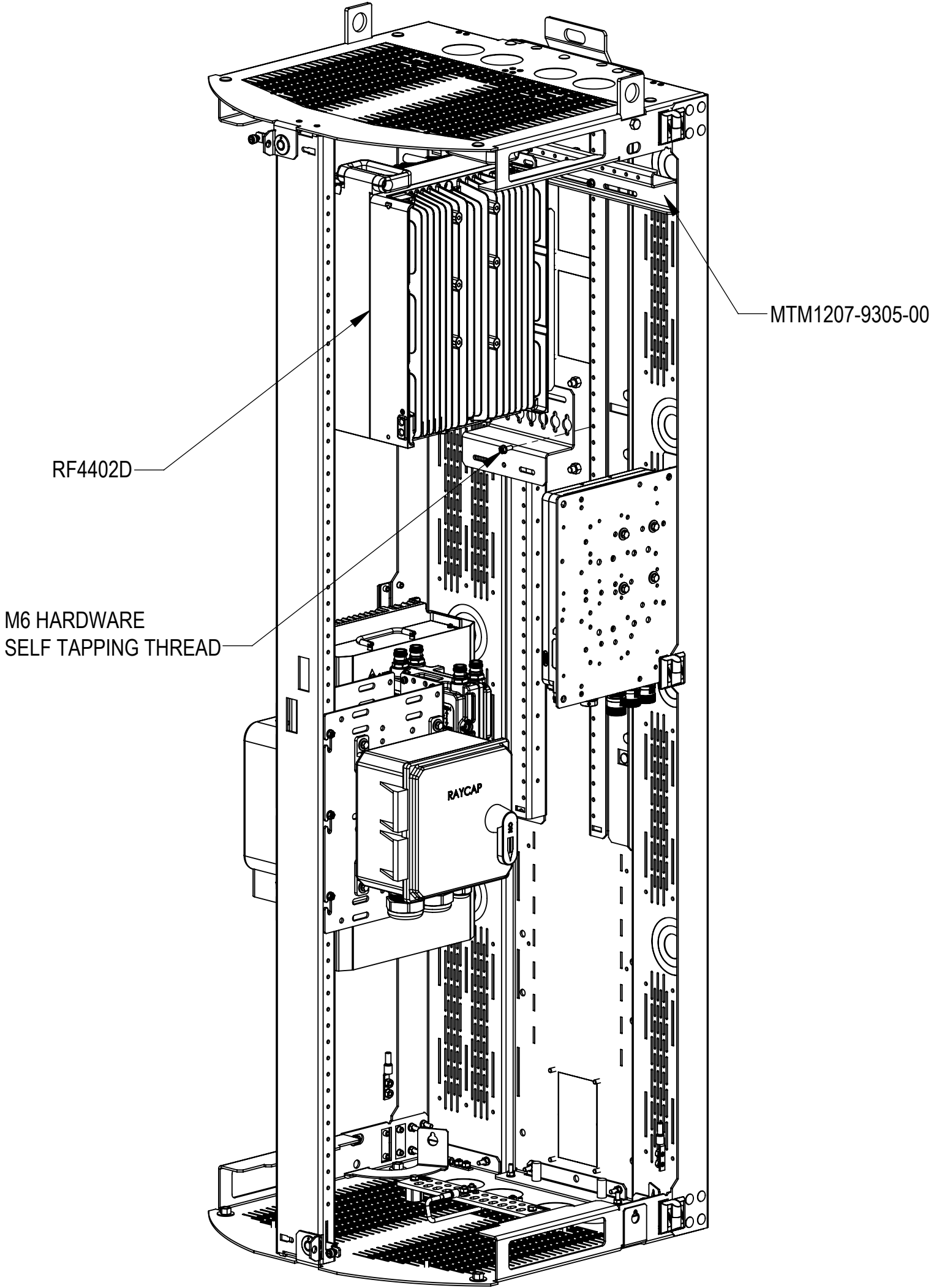


FRONT VIEW
SAMSUNG CONFIGURATION S1.02
(DOORS NOT SHOWN)

Installation Instructions

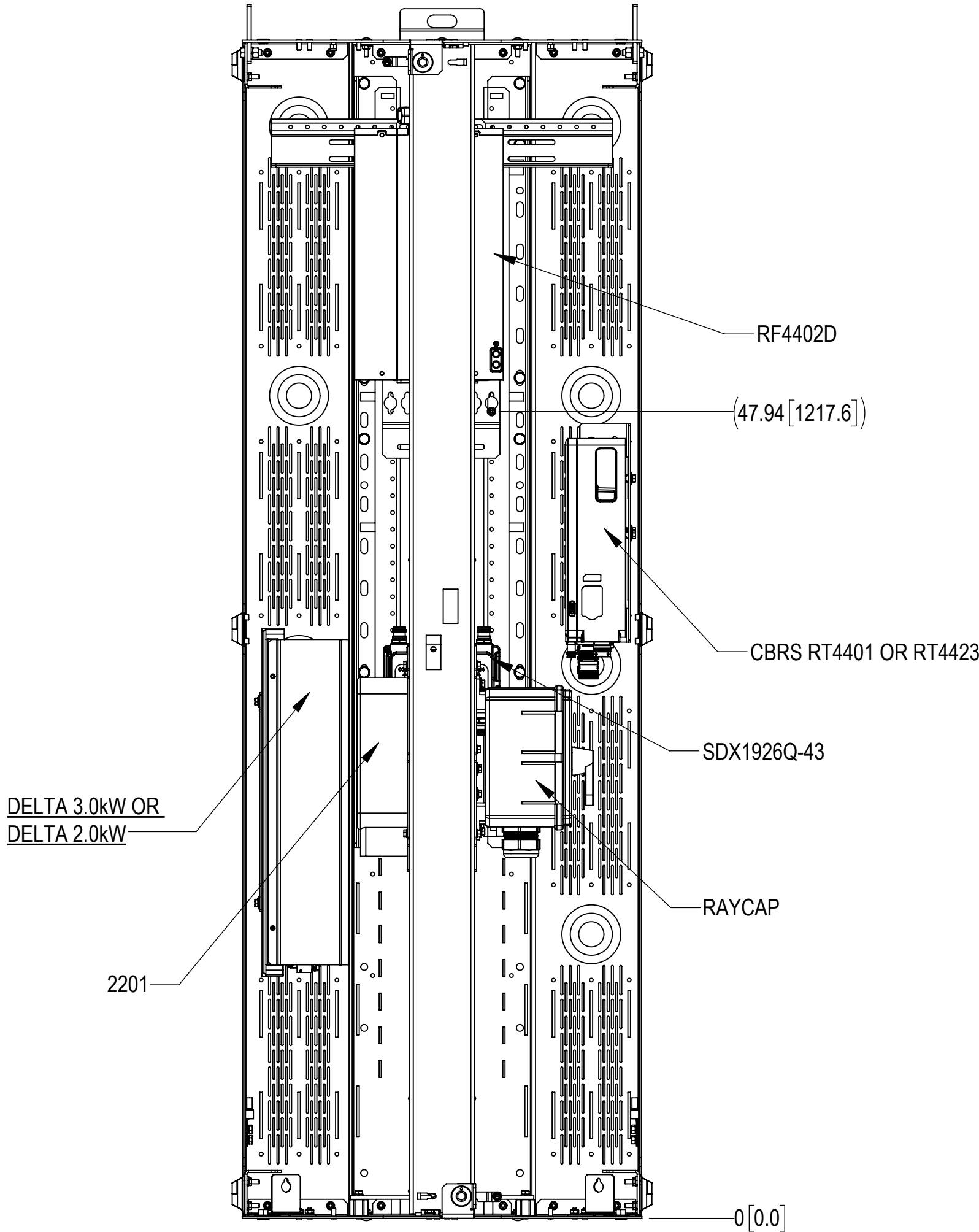


S1.03- RF4402D, DELTA 3.0kW OR DELTA 2.0kW, LAA RT2201, CBRS RT4401 OR RT4423, SDX1926Q-43 AND RAYCAP



RF4402D INSTALLATION

HANG RF4402D SUB-ASSEMBLY ON THE MTM1207-9305-00 AND SECURE BY M6 SCREWS (SELF TAPPING THREAD), TIGHTEN THEM DOWN AS SHOWN

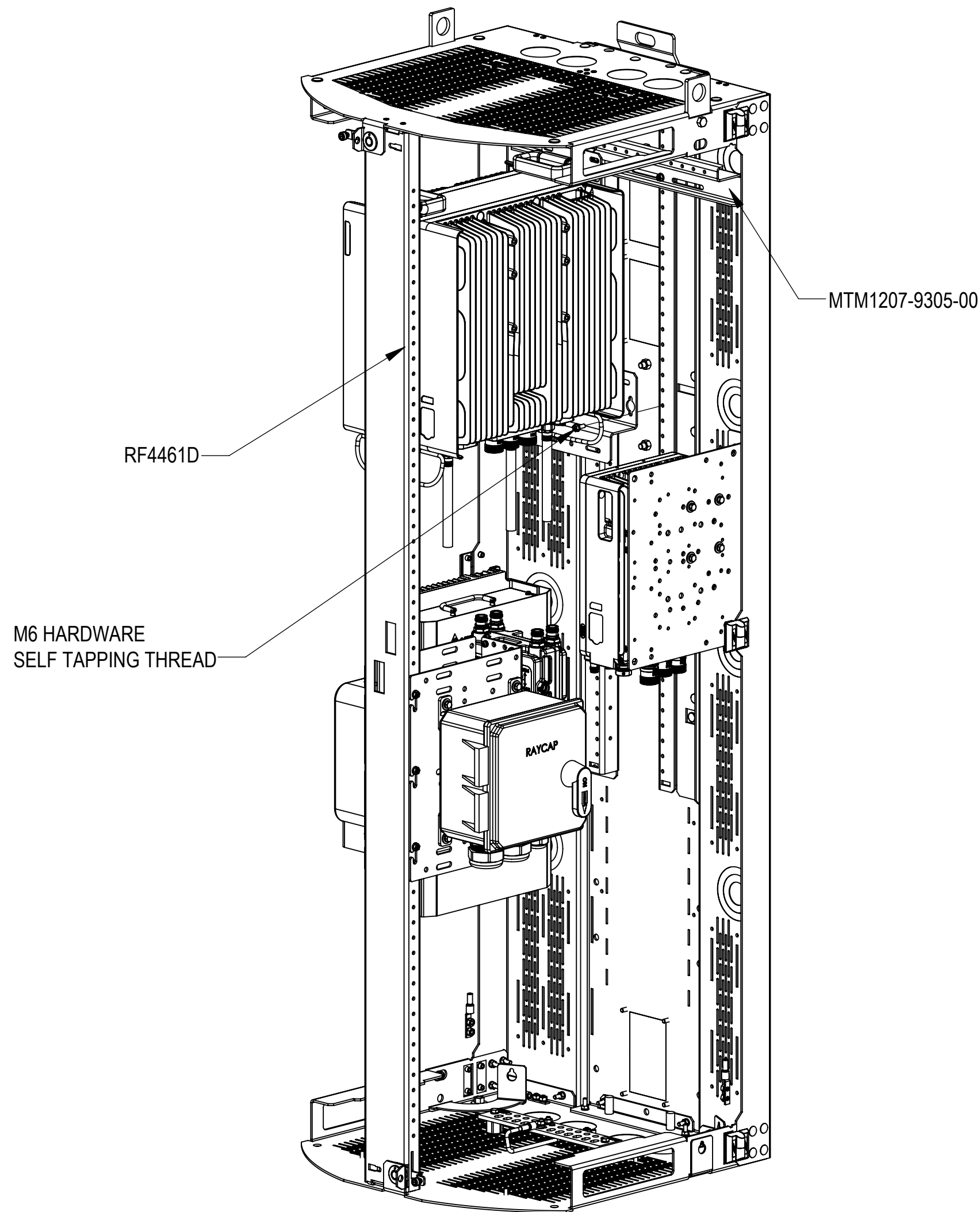


FRONT VIEW
SAMSUNG CONFIGURATION S1.03
(DOORS NOT SHOWN)

Installation Instructions

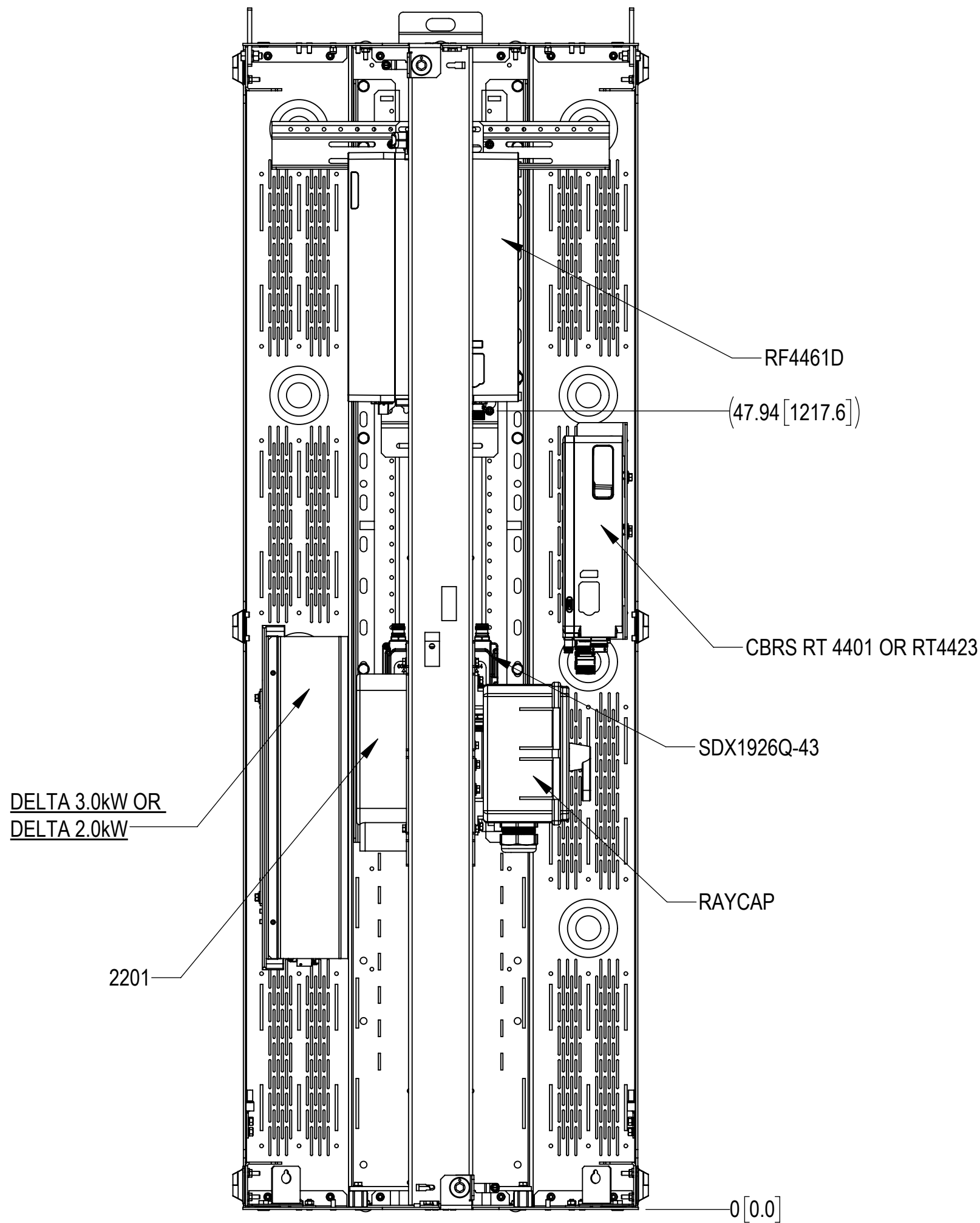


S1.04- RF4461D, DELTA 3.0kW OR DELTA 2.0kW, LAA RT2201, CBRS RT4401 OR RT4423, SDX1926Q-43 AND RAYCAP



RF4461D INSTALLATION

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



FRONT VIEW
SAMSUNG CONFIGURATION S1.04
(DOORS NOT SHOWN)