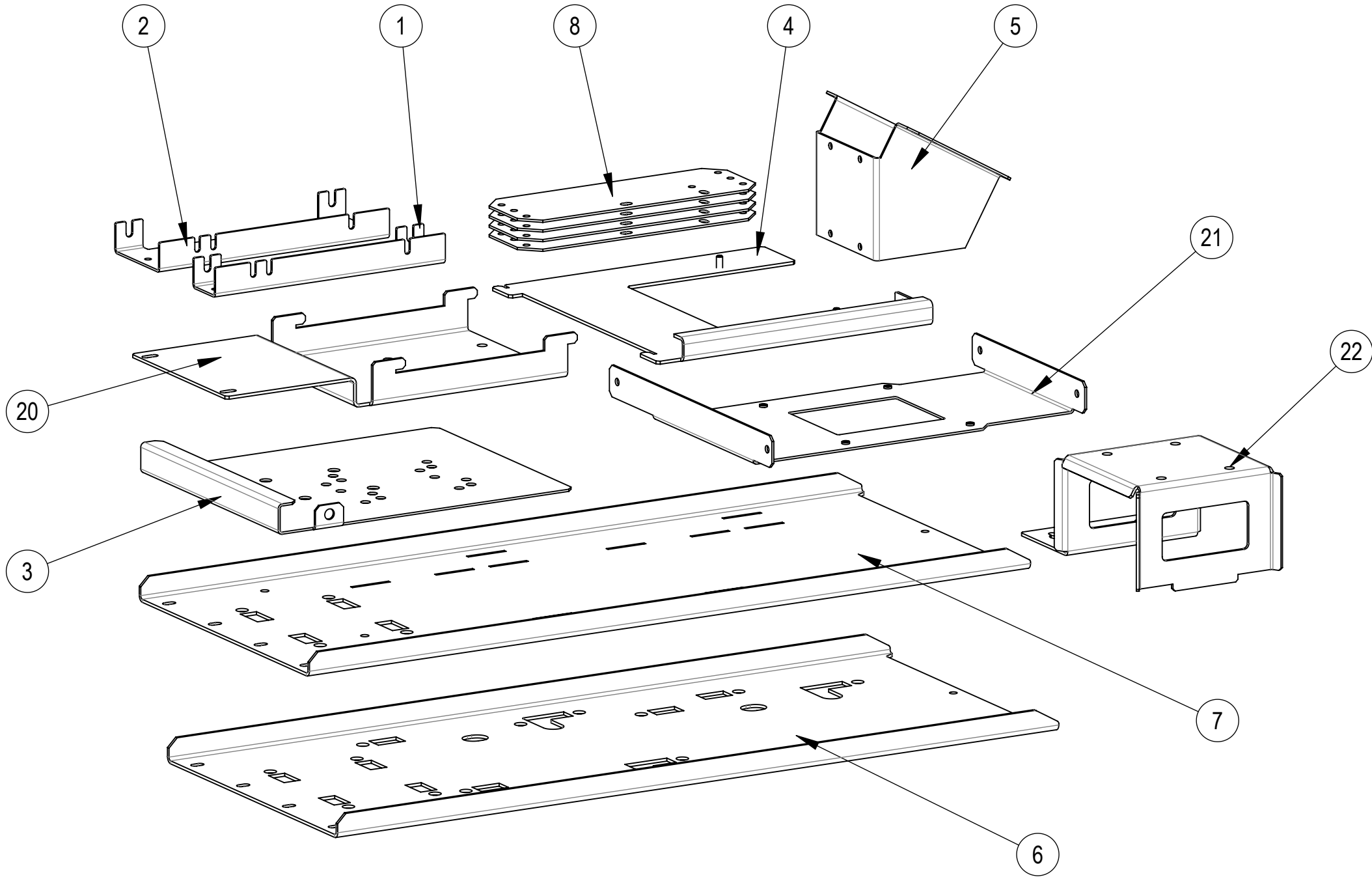
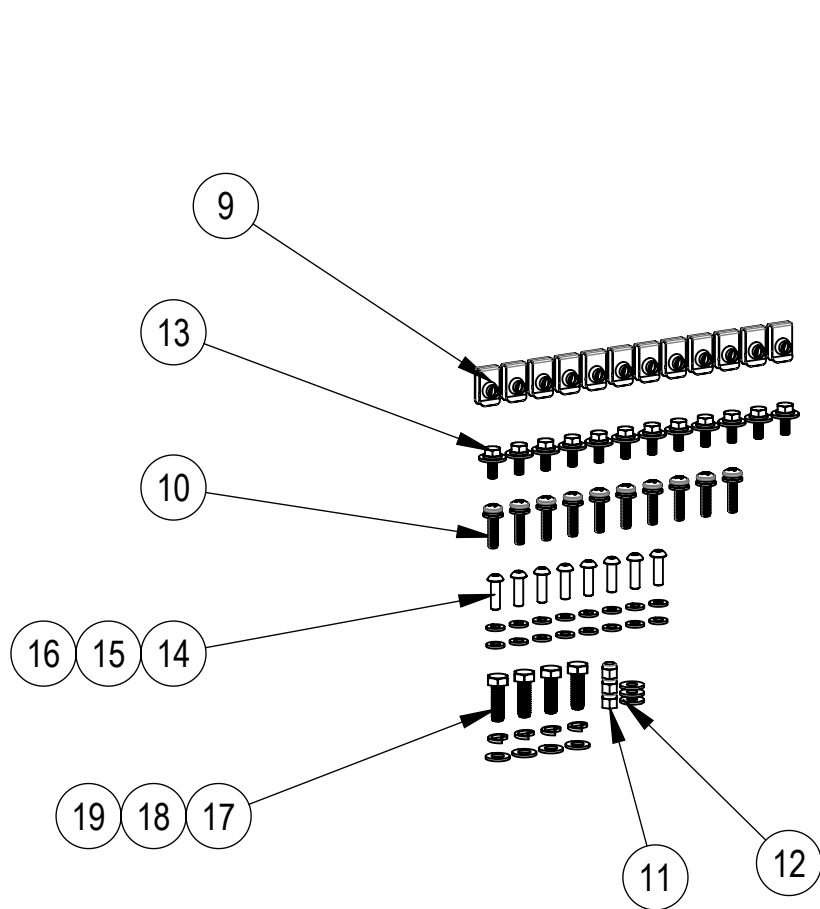


- 1.0 GENERAL NOTES
1.1 THIS DOCUMENT PROVIDES INSTALLATION INSTRUCTIONS FOR POWER SUPPLY UNITS MOUNTING INTO PRIMARY PSU MOUNTING LOCATION OF THE 20" POLE BASE
- 2.0 DESIGN NOTES
2.1 POWER SUPPLY/RECTIFIERS SUPPLIED SEPARATELY, SHOWN FOR REFERENCE ONLY
- 3.0 MANUFACTURING/SPECIAL REQUIREMENTS
3.1 TORQUE HARDWARE ACCORDING TO SIZE:
> M4: TORQUE 19.50 IN-LB OR 2.2 N-M
> M6: TORQUE 40.0 IN-LB OR 4.5 N-M
> M8: TORQUE 6.6 FT-LB OR 9.0 N-M
<PARA >> M10: TORQUE 16.2 FT-LB OR 22 N-M
> 1/4": TORQUE 4.8 FT-LB OR 6.6 N-M
3.2 EXTRA HARDWARE MAY BE SUPPLIED
- 4.0 TEST
- 5.0 PACKAGING
5.1 PACKAGING SHALL MEET COMMSCOPE REQUIREMENTS PER DOCUMENT IS-PL-3005
5.2 BAG AND INDIVIDUALLY TAG ALL HARDWARE AND PLACE IN SHIPPING BOX WITH BRACKETS FOR CUSTOMER INSTALLATION.
5.3 THIS PRINTED DOCUMENT TO BE PLACED INSIDE SHIPPING BOX FOR CUSTOMER INSTALLATION

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	NSUN 13SEP23	RW1043 40178739CMO
B	ADDED CONFIGURATION E11; UPDATED THE DRAWINGS OF SHEET1 AND ADDED SHEET 2 & 11	YC1059 31MAY24	LX1002 40196384CMO
C	ADDED EQUIPMENT INSTALLATION CONFIGURATION LIST OF THE IP20 IN SHEET 3; UPDATED VIEWS FOR MTM1160-1141-CR (ITEM 3) CHANGES.	YC1059 15AUG24	LX1002 40203410CMO
D	ADDED MTM1193-1681-00 (ITEM 22); THE INSTALL BRACKET OF 4490 AND 4890 MTM1193-1681-00 WAS MTM1160-1141-CR, UPDATED RELATED VIEWS	YC1059 11OCT24	LX1002 40205276CMO



COMPONENT PART NUMBERS PROVIDED FOR ASSEMBLY PURPOSES;
INDIVIDUAL COMPONENTS MAY BE SHIPPED AS PARTS WITHIN AN INCLUDED KIT.

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	NOTE
1	MTM1193-1111-CR	BRKT SM SPRT 4 HOOK & HANG PB20GA-0.375	1	
2	MTM1193-1112-CR	BRKT LG SPRT 4 HOOK & HANG PB20GA-0.375	1	
3	MTM1160-1141-CR	BRKT SLIDE HANGER ERCISON PB20GA	1	
4	MTM1160-1162-CR	BRACKET, HANGING RAIL MOVEABLE PB20GA	1	
5	MTM1160-1167-CR	BRKT DIPLEX MNTG TOP/ANGLE PB20GA	1	
6	MTM1160-1168-CR	BRKT MAIN PLATE RADIOS REAR PB20GA	1	
7	MTM1160-1169-CR	BRKT MAIN HK & HANG REAR PLT PB20GA	1	
8	MTM1028-661	BRACKET, ERC2203 RADIO	4	
9	460143456	CLIP NUT, M6, 316 SST	12	5.2
10	100117-4	FA,SEMS,PH,XRES,M6X25,SST,PASS	10	5.2
11	SNYL02	1/4" SS NYLOCK HEX NUT	3	5.2
12	SWF-02	FLAT WASHER, 1/4" SS	3	5.2
13	460155492	SEMS, HCS M6 X 16MM WITH CAPTIVE WASHERS	12	5.2
14	100560-66	SCR,BUTTN HD,HEXSOCK,M6X20,SST,PASS	8	5.2
15	100522-25	WSHR,LK,SPLT, M6,SST, PASS	8	5.2
16	100521-25	WSHR,FLAT,M6,6.4X12X1.6,SST,PASS	8	5.2
17	MTC9415	M8 X 25mm HEX BOLT SS	4	5.2
18	MTC9418	M8 LOCK WASHER SS	4	5.2
19	MTC9419	M8 FLAT WASHER SS	4	5.2
20	MTM1209-1000-CR	BRKT MOUNT RU4467	1	
21	MTM1209-2000-CR	BRKT MOUNT AC08	1	
22	MTM1193-1681-00	BRKT MOUNT RU4890 AND 4490	1	
9000	MTM1193-1101-AMK-E	REFERENCE DOCUMENT	1	5.3

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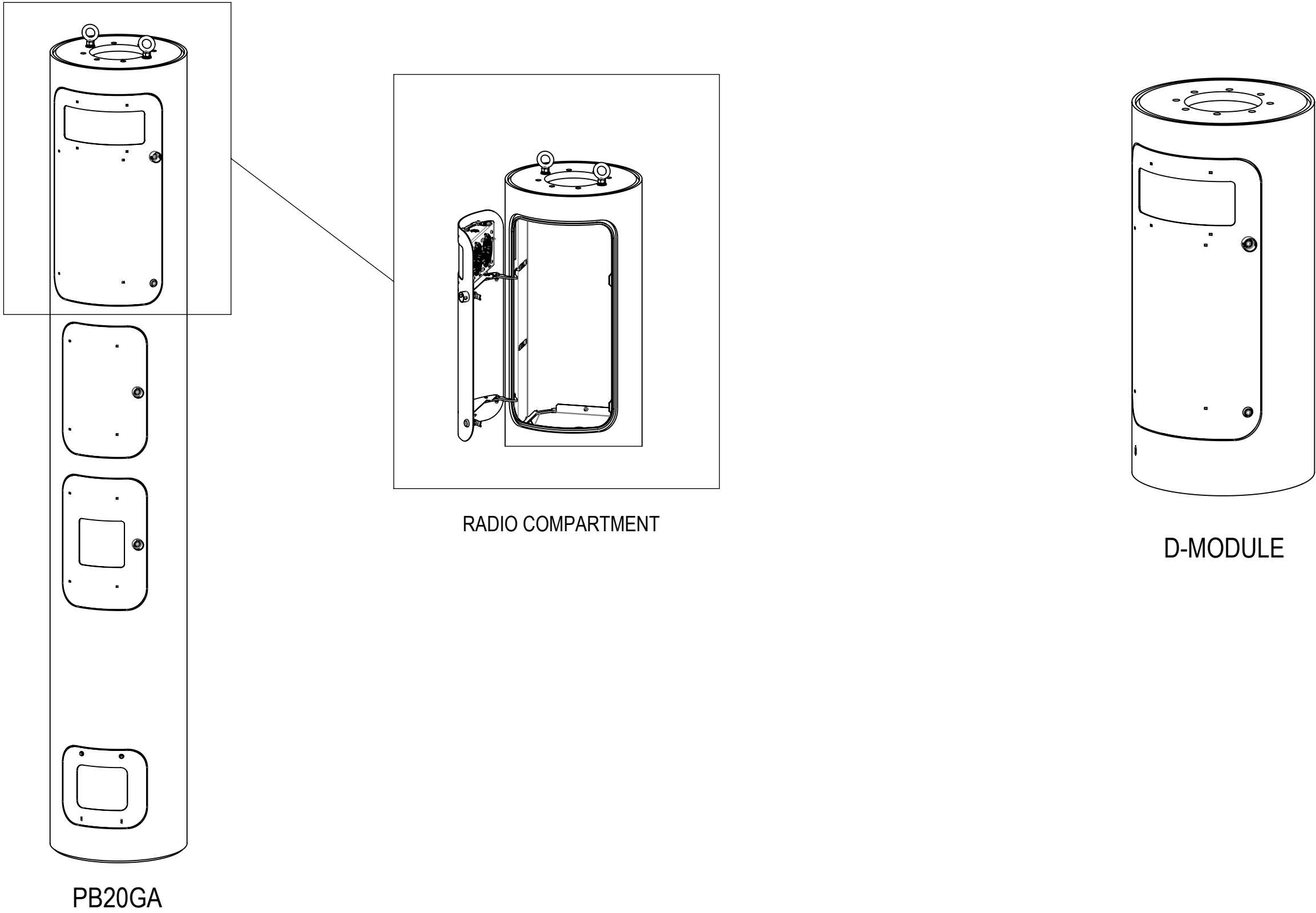
DENSITY	lbs/in³
MASS	22.62 lbs
VOLUME	3888.00 in³
SURFACE AREA	1944.00 in²
HEIGHT	6.00[152.4]
LENGTH	36.00[914.4]
WIDTH	18.00[457.2]

COMMSCOPE, INC. OF NORTH CAROLINA									
TOLERANCES						SAP MATERIAL MASTER			
1 PLACE .X[X] ± N/A		3 PLACE .XXX[X] ± N/A				MTM1193-1101-AMK-E			
2 PLACE .XX[X] ± N/A		ANGLES ± N/A°							
FINISH						MATERIAL			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES INTERPRET PER ANSI Y 14.5M-1994		NAME	DATE	KIT ERICSSON INSTALL INTO PB20GA-0.375					
	CE	NSUN	13SEP23						
	RW	YC1059	10/15/2024						
	AD	LX1002	10/17/2024	SCALE 1:8	DOCUMENT NO. MTM1193-1101-AMK-E				
	RE	DM1121	10/21/2024						
	ECN 40206387CMO								
SIZE	Auth Group	INSL	MODEL			DRAWING			SHEET 1 OF 18
C			VERSION 03	STATUS RE	REVISION D	VERSION 03	STATUS RE	REVISION D	

ERICSSON EQUIPMENT INSTALLATION CONFIGURATION LIST

CONFIGURATION	SHEET NO.	EQUIP.1	QTY	EQUIP.2	QTY
E2	7	8843	1	QUAD DIPLEXER SDX1926Q-43	1
E3	8	4449	1		
E4	9	8863	1	QUAD DIPLEXER SDX1926Q-43	1
E5	10	4415	1		
E6	11	4426	1		
E7	12	4478	1		
E8	13	2203	4	QUAD DIPLEXER SDX1926Q-43	1
E11	16	4467	1	AC08	1

ESTABLISH ERICSSON CONFIGURATION FROM ABOVE TABLE TO INSTALL DESIRED ERICSSON RADIOS IN THE PB20GA AND OPTIONAL D-MODULE
SEE SHEET 4 & 5 FOR DETAILED SECURING OF RADIOS & DIPLEXERS TO BRACKETS.
SEE SPECIFIC SHEET NUMBER FOR FURTHER INSTALLATION DETAILS.

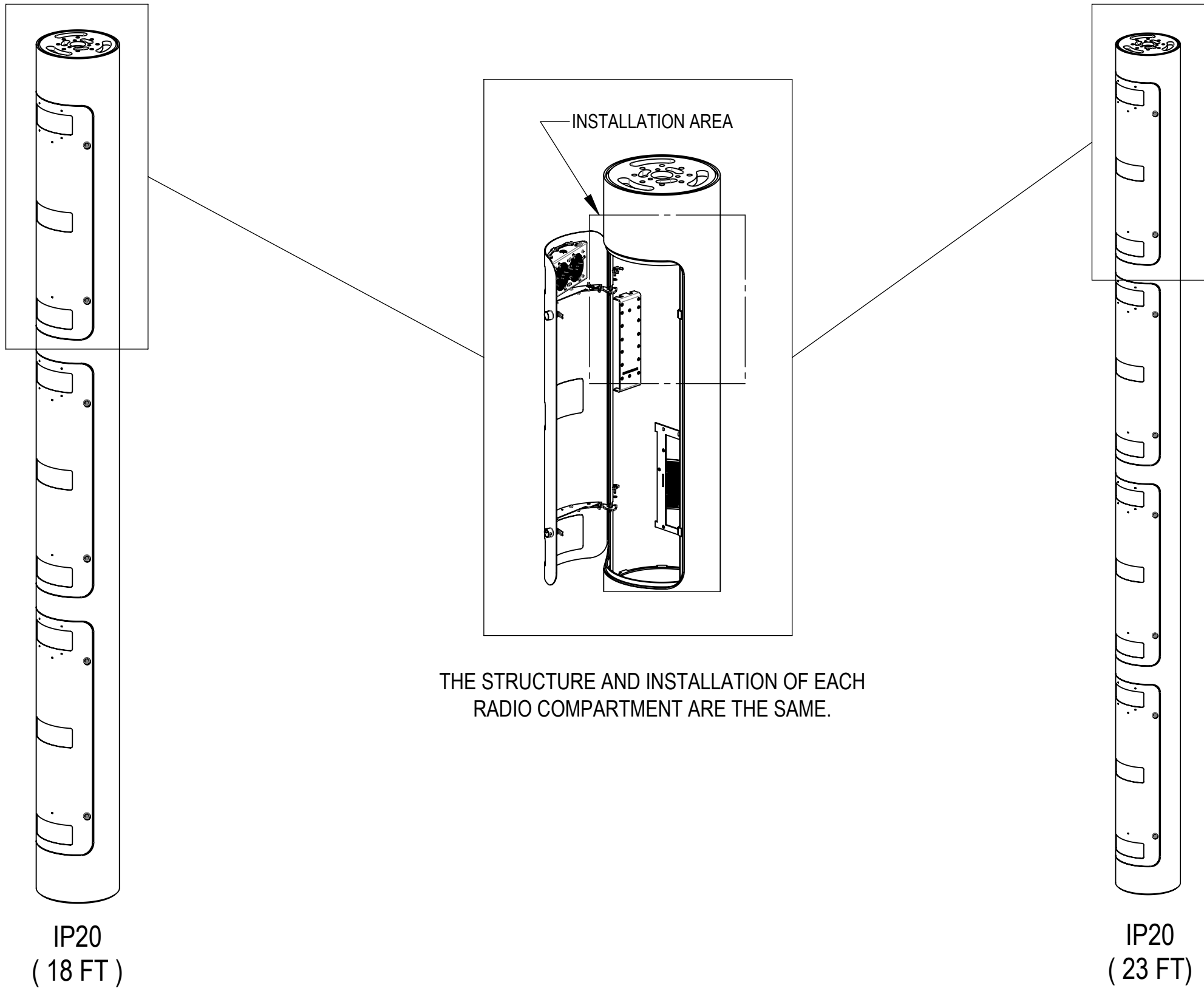


COMMScope, INC. OF NORTH CAROLINA				
TITLE KIT ERICSSON INSTALL INTO PB20GA-0.375				
SIZE C	SCALE 1:16	DOCUMENT NO. MTM1193-1101-AMK-E		
 		DRAWING		
		VERSION 03	STATUS RE	REVISION D
				SHEET 2 OF 18

ERICSSON EQUIPMENT INSTALLATION CONFIGURATION LIST

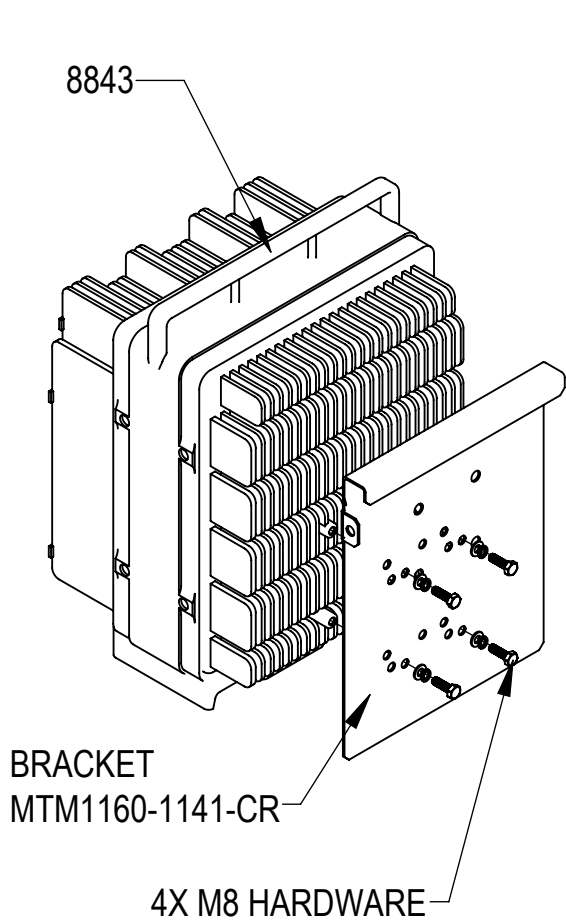
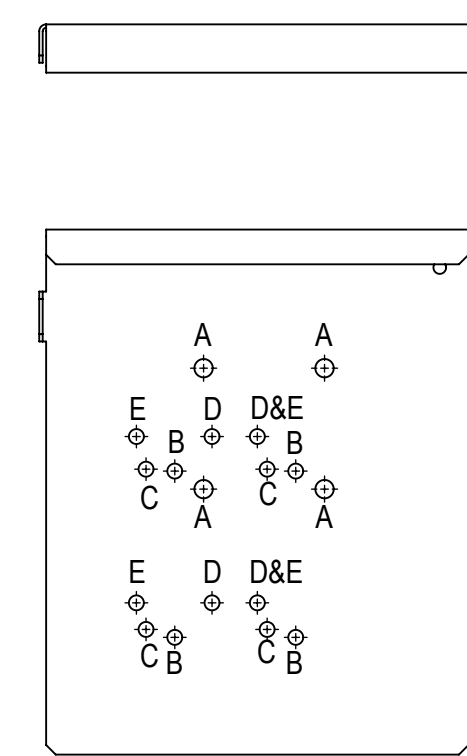
CONFIGURATION	SHEET NO.	EQUIP.1	QTY	EQUIP.2	QTY
E1	6	4455	1		
E2	7	8843	1	QUAD DIPLEXER SDX1926Q-43	1
E3	8	4449	1		
E4	9	8863	1	QUAD DIPLEXER SDX1926Q-43	1
E5	10	4415	1		
E6	11	4426	1		
E7	12	4478	1		
E8	13	2203	4	QUAD DIPLEXER SDX1926Q-43	1
E9	14	4408	4	QUAD DIPLEXER SDX1926Q-43	1
E10	15	4490	1		
E11	17	4467	1		1
E12	18	4890	1		

ESTABLISH ERICSSON CONFIGURATION FROM ABOVE TABLE TO INSTALL DESIRED ERICSSON RADIOS IN THE IP20
SEE SHEET 4 & 5 FOR DETAILED SECURING OF RADIOS & DIPLEXERS TO BRACKETS.
SEE SPECIFIC SHEET NUMBER FOR FURTHER INSTALLATION DETAILS.



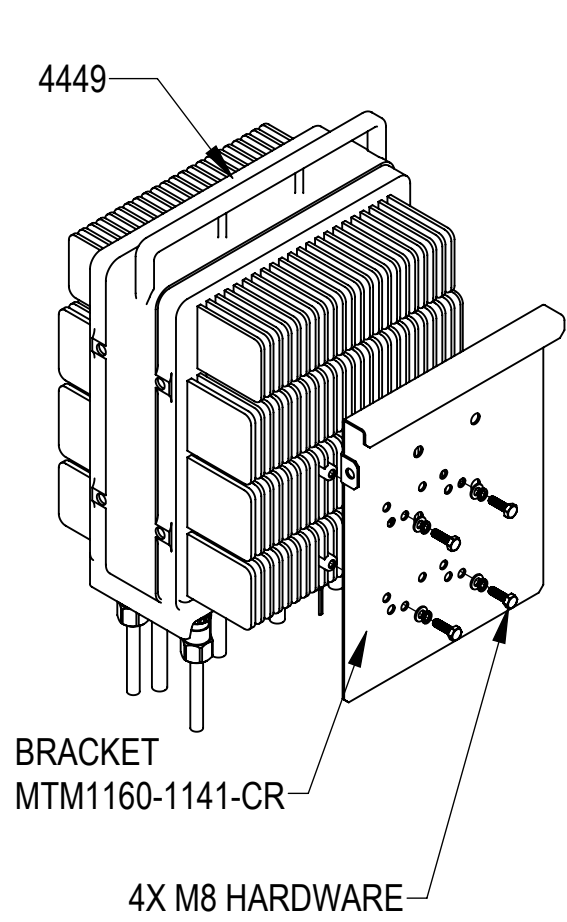
COMMScope, INC. OF NORTH CAROLINA				
TITLE KIT ERICSSON INSTALL INTO PB20GA-0.375				
SIZE C	SCALE 1:16	DOCUMENT NO. MTM1193-1101-AMK-E		
 		DRAWING		
		VERSION 03	STATUS RE	REVISION D
SHEET 3 OF 18				

EQUIPMENT MOUNTING INSTALLATION



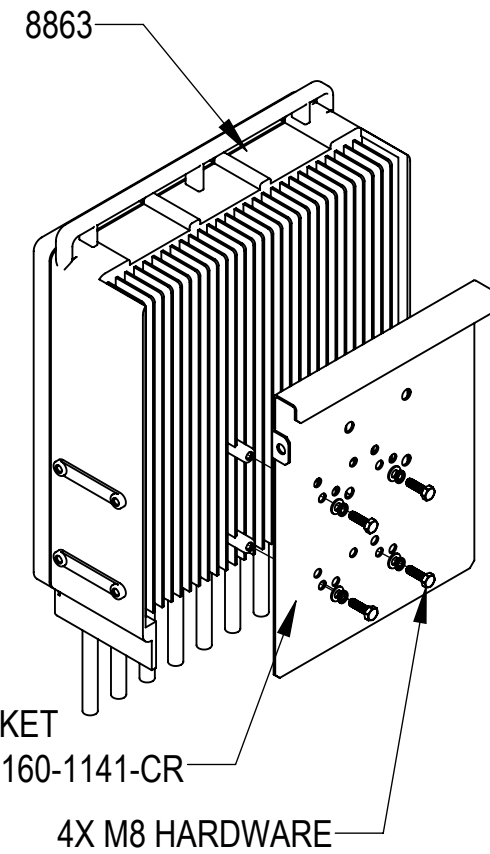
8843:

INSTALL THE ERC 8843 TO THE MOUNTING BRACKET MTM1160-1141-CR USING 4 SETS OF M8 HEX BOLTS, LOCK WASHERS AND FLAT WASHERS AS SHOWN



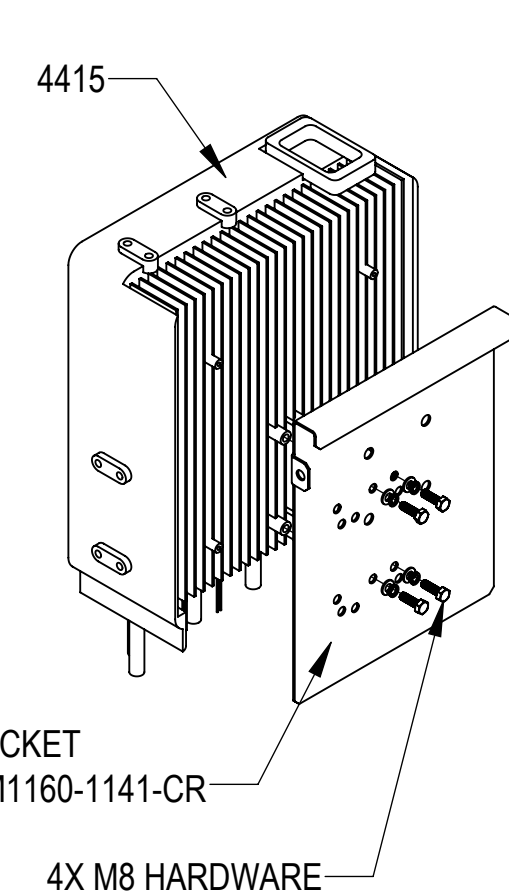
4449:

INSTALL THE ERC 4449 TO THE MOUNTING BRACKET MTM1160-1141-CR USING 4 SETS OF M8 HEX BOLTS, LOCK WASHERS AND FLAT WASHERS AS SHOWN



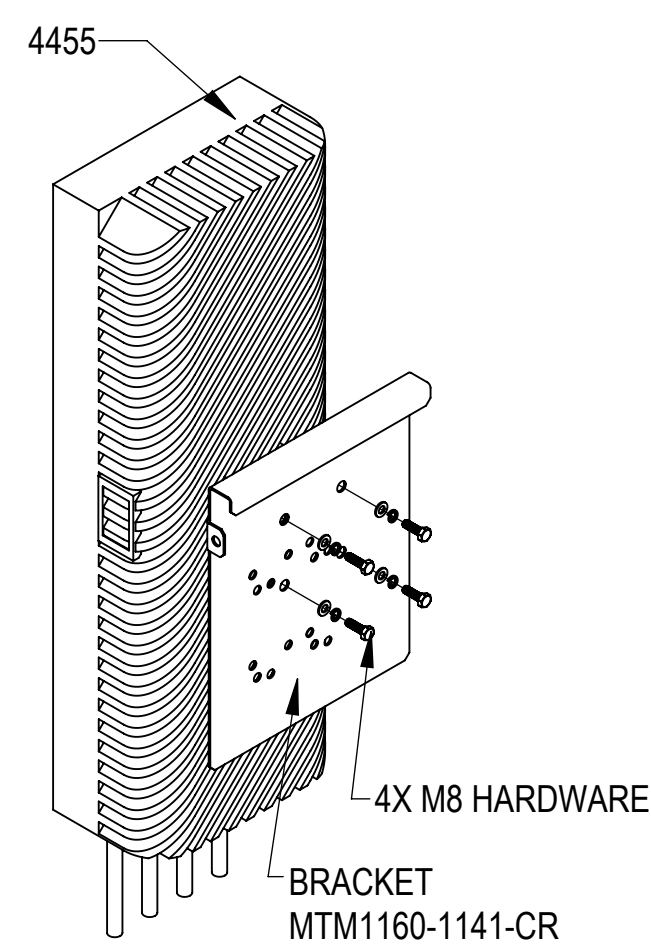
8863:

INSTALL THE ERC 8863 TO THE MOUNTING BRACKET MTM1160-1141-CR USING 4 SETS OF M8 HEX BOLTS, LOCK WASHERS AND FLAT WASHERS AS SHOWN



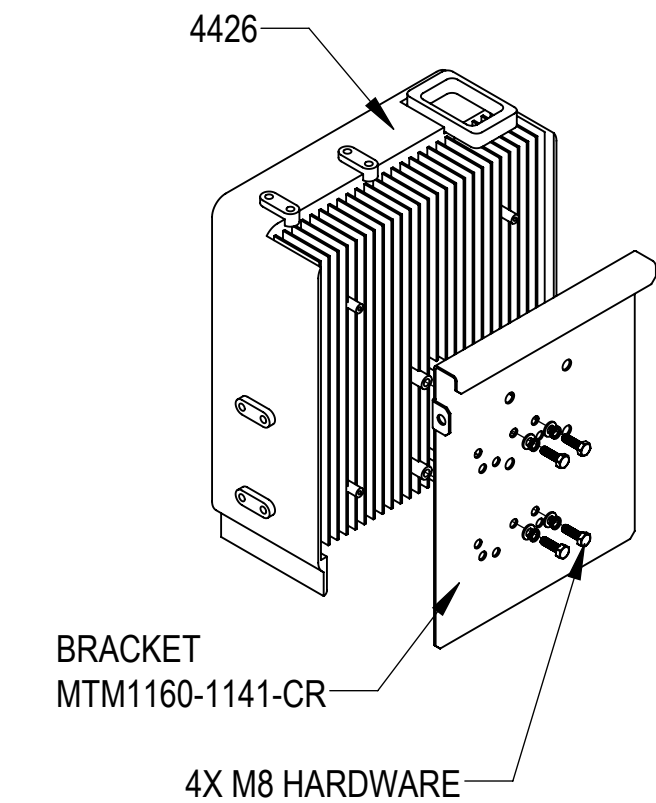
4415:

INSTALL THE ERC 4415 TO THE MOUNTING BRACKET MTM1160-1141-CR USING 4 SETS OF M8 HEX BOLTS, LOCK WASHERS AND FLAT WASHERS AS SHOWN



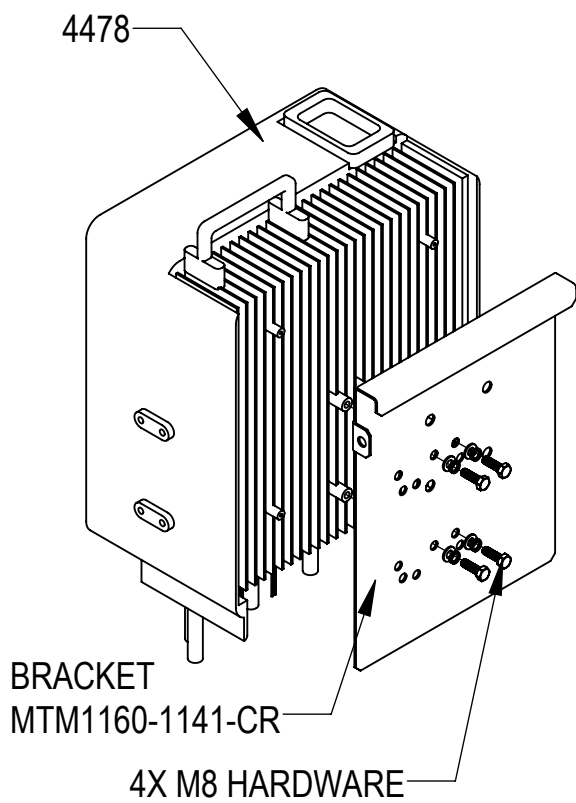
4455:

INSTALL THE ERC 4455 TO THE MOUNTING BRACKET MTM1160-1141-CR USING 4 SETS OF M8 HEX BOLTS, LOCK WASHERS AND FLAT WASHERS AS SHOWN



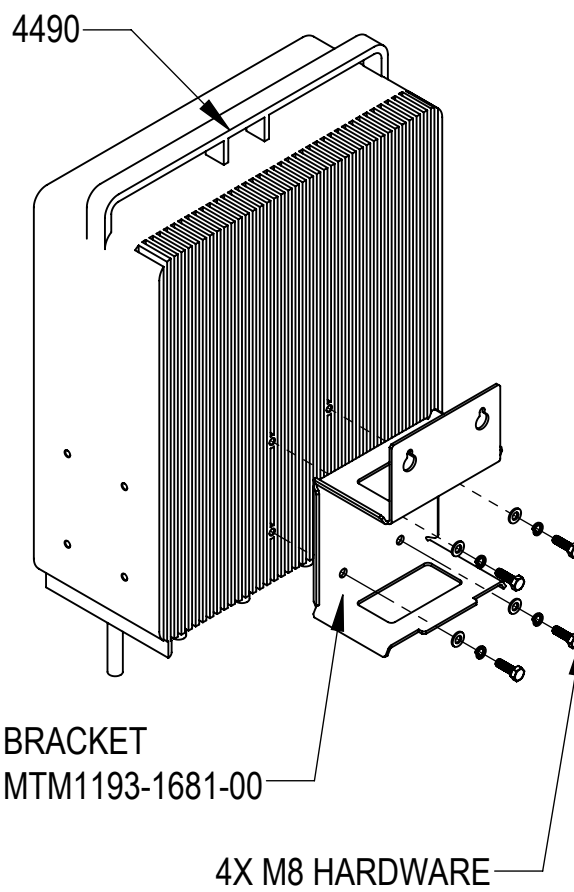
4426:

INSTALL THE ERC 4426 TO THE MOUNTING BRACKET MTM1160-1141-CR USING 4 SETS OF M8 HEX BOLTS, LOCK WASHERS AND FLAT WASHERS AS SHOWN



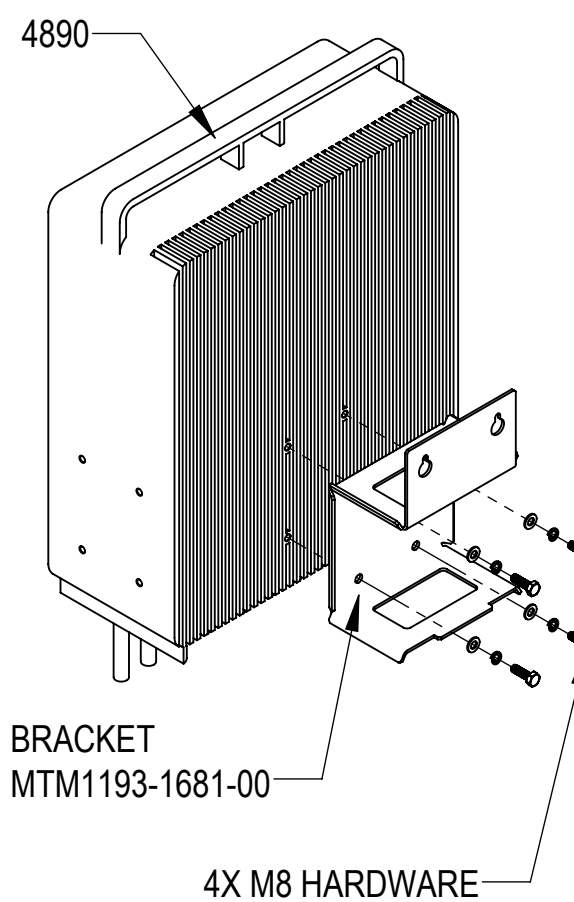
4478:

INSTALL THE ERC 4478 TO THE MOUNTING BRACKET MTM1160-1141-CR USING 4 SETS OF M8 HEX BOLTS, LOCK WASHERS AND FLAT WASHERS AS SHOWN



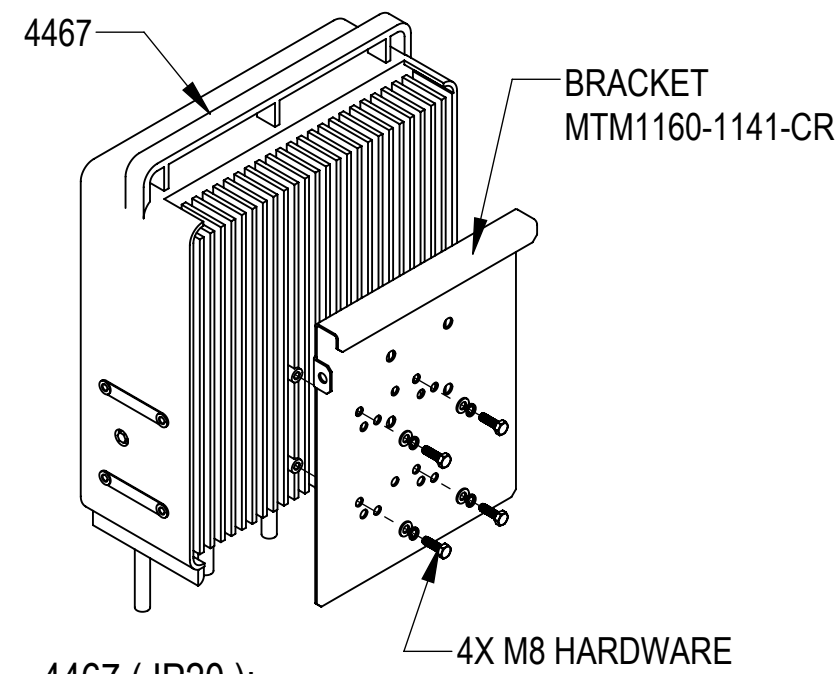
4490 (IP20):

INSTALL THE ERC 4490 TO THE MOUNTING BRACKET MTM1193-1681-00 USING 4 SETS OF M8 HEX BOLTS, LOCK WASHERS AND FLAT WASHERS AS SHOWN



4890 (IP20):

INSTALL THE ERC 4890 TO THE MOUNTING BRACKET MTM1193-1681-00 USING 4 SETS OF M8 HEX BOLTS, LOCK WASHERS AND FLAT WASHERS AS SHOWN

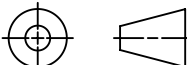


4467 (IP20):

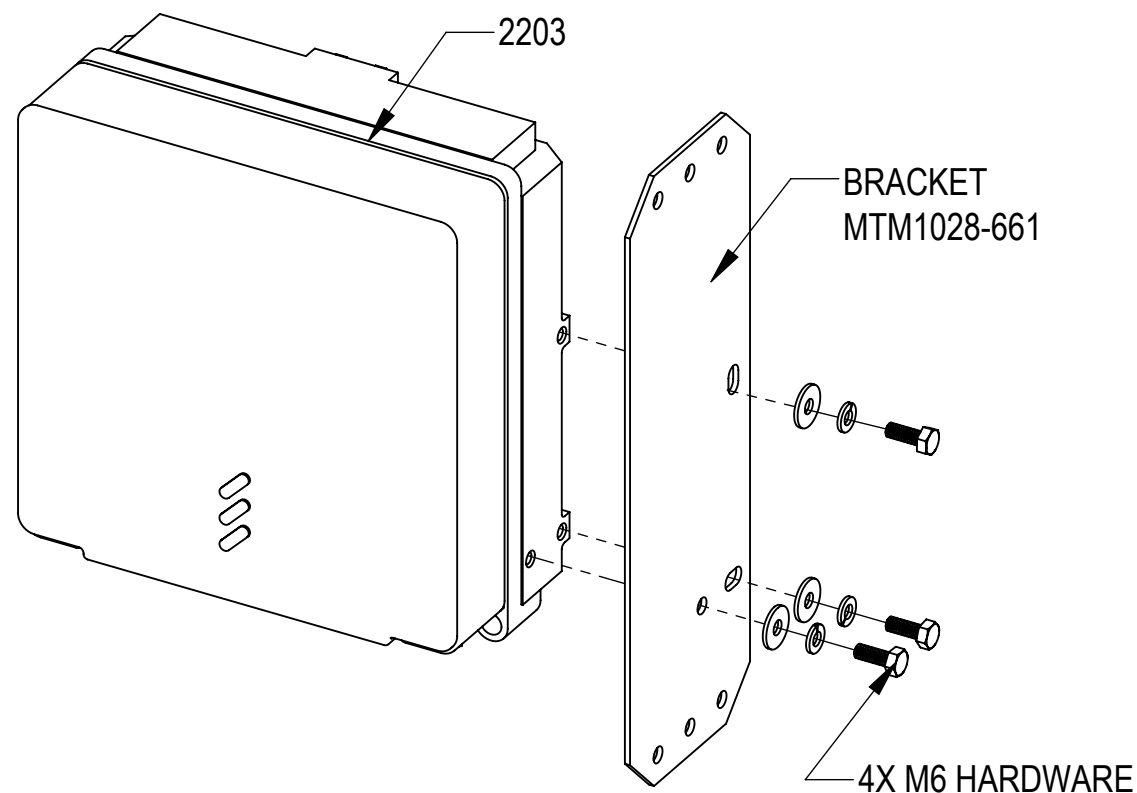
INSTALL THE ERC 4467 TO THE MOUNTING BRACKET MTM1160-1141-CR USING 4 SETS OF M8 HEX BOLTS, LOCK WASHERS AND FLAT WASHERS AS SHOWN

TORQUE ALL TO SPEC

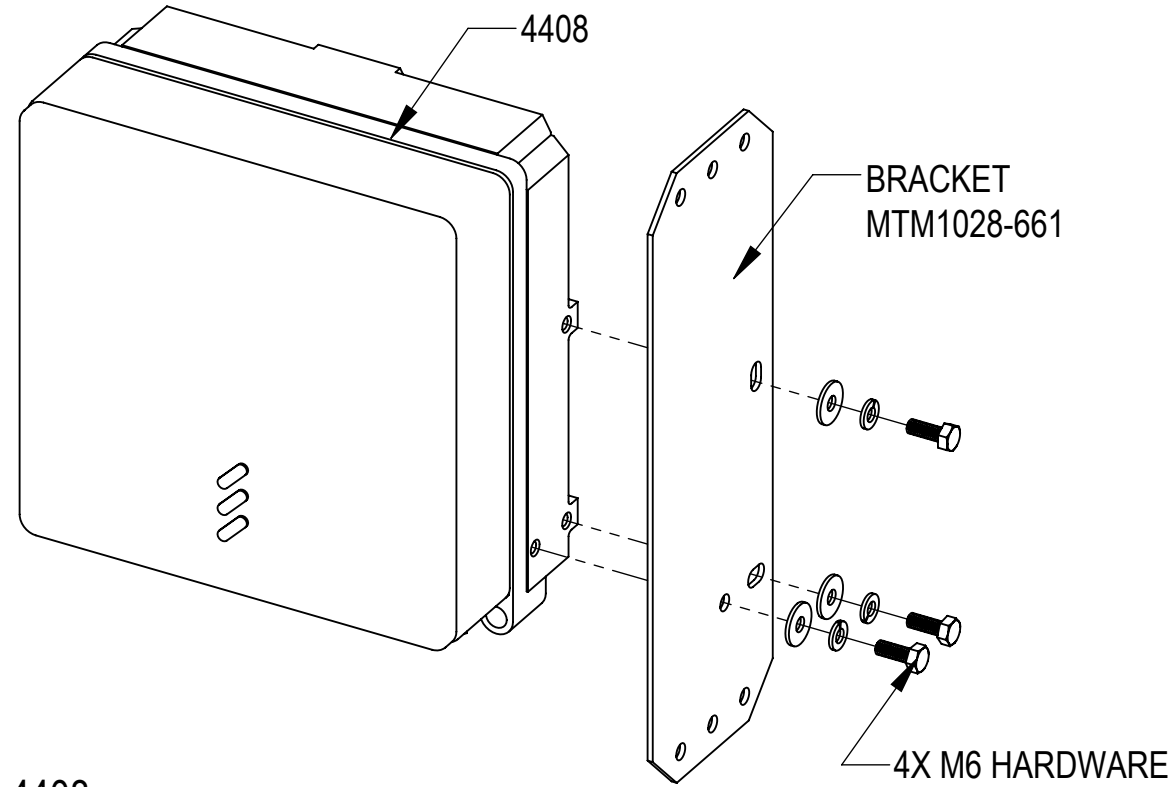
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COMMSCOPE, INC. OF NORTH CAROLINA					
TITLE					
KIT ERICSSON INSTALL INTO PB20GA-0.375					
SIZE	SCALE	DOCUMENT NO.			
C	1:10	MTM1193-1101-AMK-E			
		DRAWING		SHEET 4 OF 18	
		VERSION	STATUS		REVISION
		03	RE		D

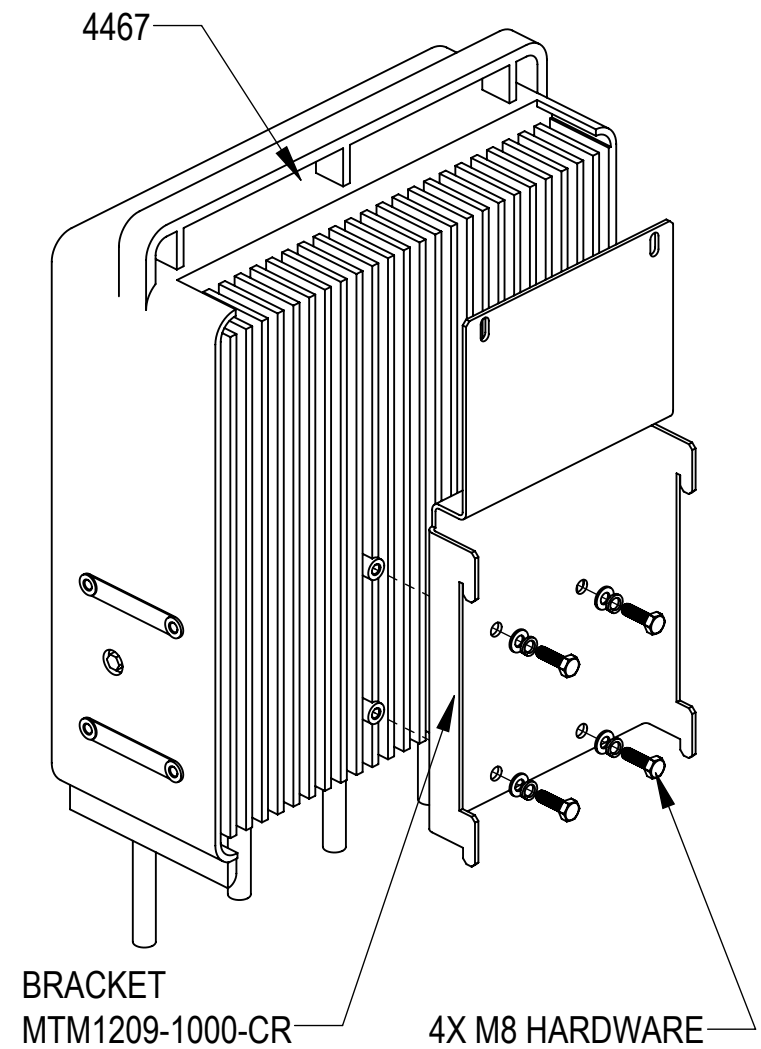
EQUIPMENT MOUNTING INSTALLATION



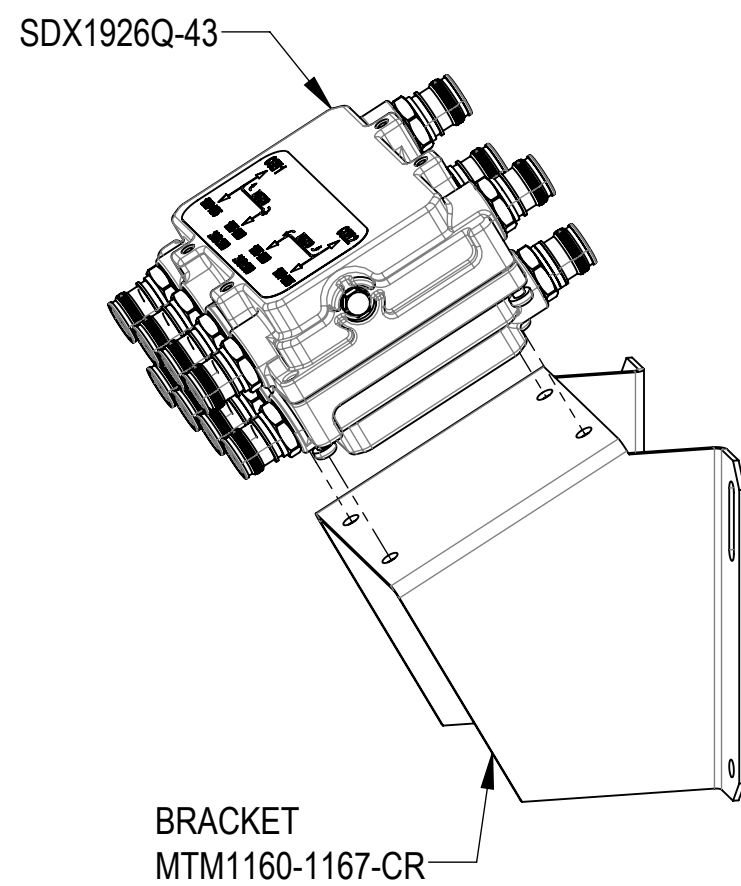
2203:
INSTALL THE ERC 2203 TO THE MOUNTING BRACKET MTM1028-661 USING 4 SETS OF M6 HEX BOLTS, LOCK WASHERS AND FLAT WASHERS AS SHOWN



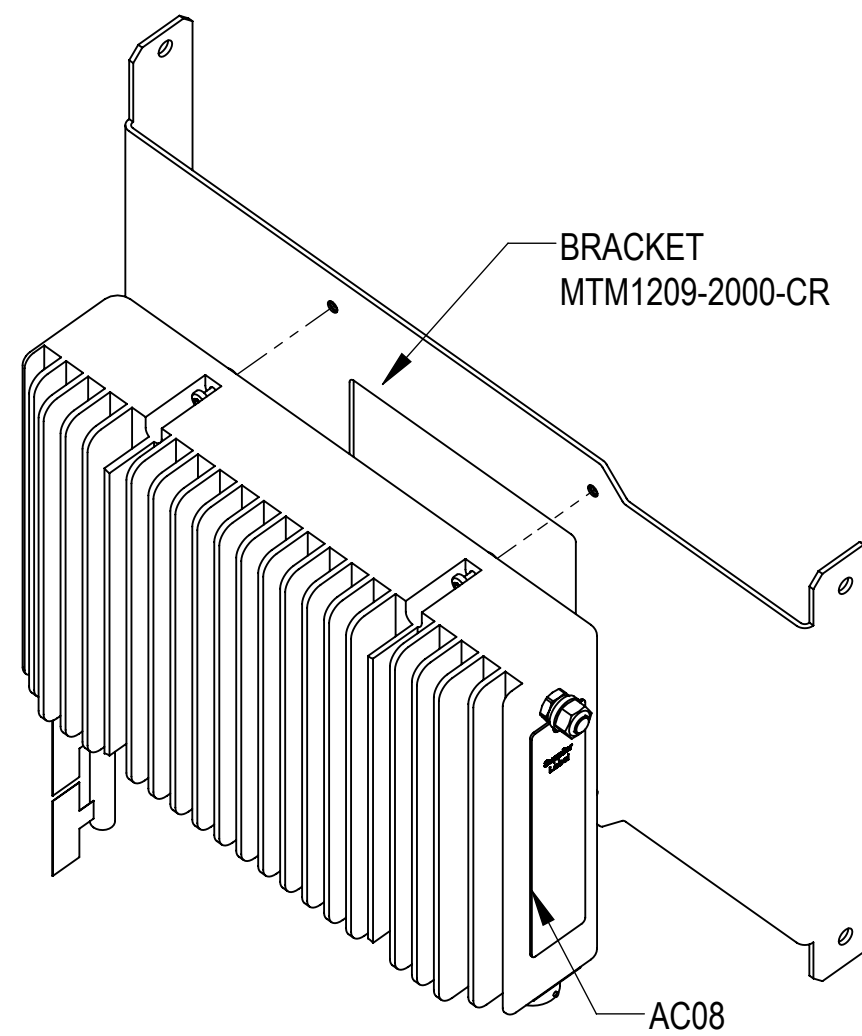
4408:
INSTALL THE ERC 4408 TO THE MOUNTING BRACKET MTM1028-661 USING 4 SETS OF M6 HEX BOLTS, LOCK WASHERS AND FLAT WASHERS AS SHOWN



4467 (PB20 AND D-MODULE):
INSTALL THE ERC 4467 TO THE MOUNTING BRACKET MTM1209-1000-CR USING 4 SETS OF M8 HEX BOLTS, LOCK WASHERS AND FLAT WASHERS AS SHOWN



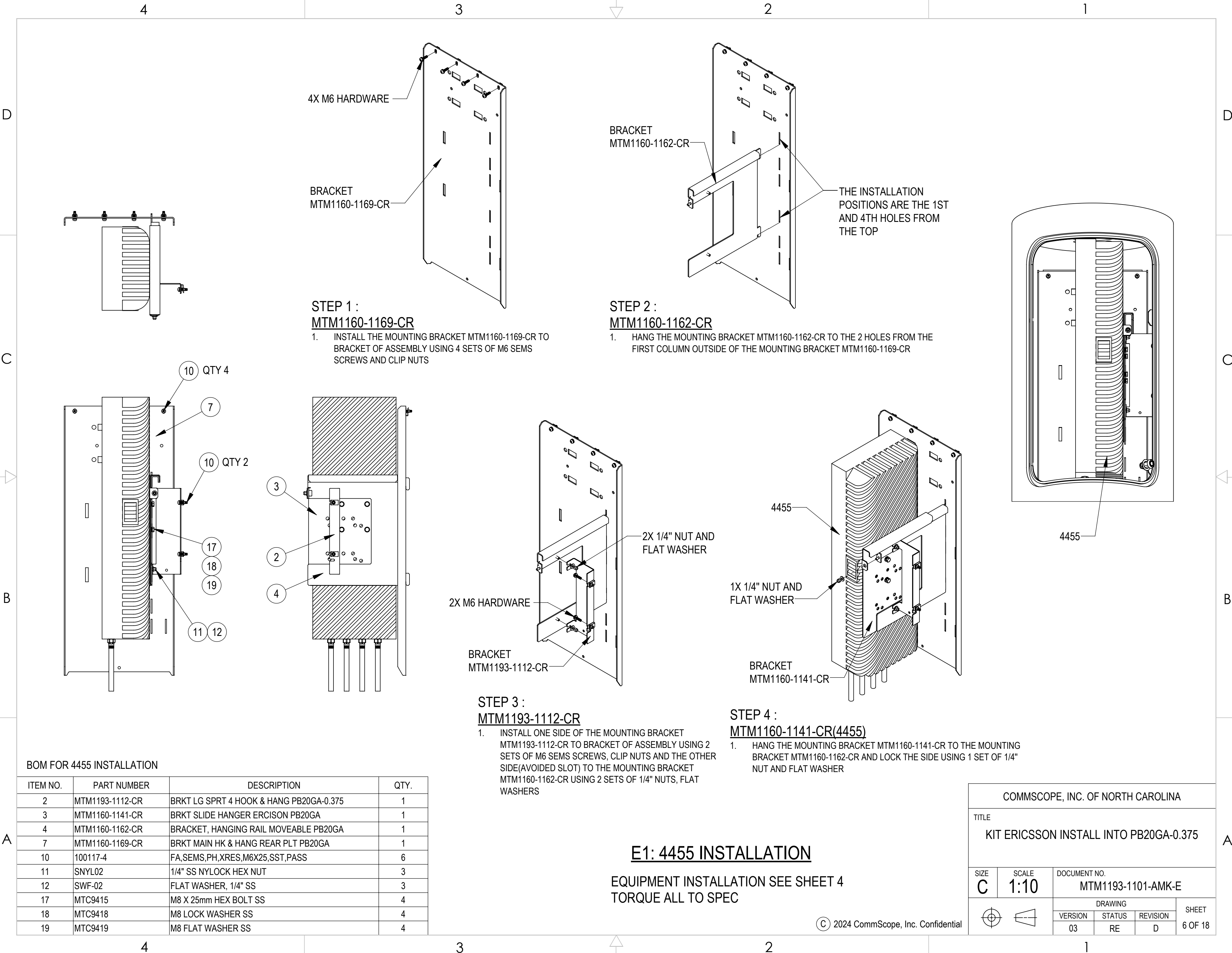
SDX1926Q-43:
INSTALL THE QUAD DIPLEXER SDX1926Q-43 TO THE MOUNTING BRACKET MTM1160-1167-CR USING 4 SETS OF M5 CAPTIVE SEM SCREWS PROVIDED WITH THE SDX1926Q-43



AC08:
INSTALL THE PSU AC08 TO THE MOUNTING BRACKET MTM1209-2000-CR USING 4 SETS OF M4 CAPTIVE SCREWS AND FLAT WASHER PROVIDED WITH THE PSU AC08

TORQUE ALL TO SPEC

COMMScope, INC. OF NORTH CAROLINA				
TITLE KIT ERICSSON INSTALL INTO PB20GA-0.375				
SIZE C	SCALE 1:10	DOCUMENT NO. MTM1193-1101-AMK-E		
		DRAWING		
		VERSION 03	STATUS RE	REVISION D
				SHEET 5 OF 18



BOM FOR 4455 INSTALLATION

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
2	MTM1193-1112-CR	BRKT LG SPRT 4 HOOK & HANG PB20GA-0.375	1
3	MTM1160-1141-CR	BRKT SLIDE HANGER ERCISON PB20GA	1
4	MTM1160-1162-CR	BRACKET, HANGING RAIL MOVEABLE PB20GA	1
7	MTM1160-1169-CR	BRKT MAIN HK & HANG REAR PLT PB20GA	1
10	100117-4	FA,SEMS,PH,XRES,M6X25,SST,PASS	6
11	SNYL02	1/4" SS NYLOCK HEX NUT	3
12	SWF-02	FLAT WASHER, 1/4" SS	3
17	MTC9415	M8 X 25mm HEX BOLT SS	4
18	MTC9418	M8 LOCK WASHER SS	4
19	MTC9419	M8 FLAT WASHER SS	4

STEP 3 :
MTM1193-1112-CR

1. INSTALL ONE SIDE OF THE MOUNTING BRACKET MTM1193-1112-CR TO BRACKET OF ASSEMBLY USING 2 SETS OF M6 SEMS SCREWS, CLIP NUTS AND THE OTHER SIDE(AVOIDED SLOT) TO THE MOUNTING BRACKET MTM1160-1162-CR USING 2 SETS OF 1/4" NUTS, FLAT WASHERS

STEP 4 :
MTM1160-1141-CR(4455)

1. HANG THE MOUNTING BRACKET MTM1160-1141-CR TO THE MOUNTING BRACKET MTM1160-1162-CR AND LOCK THE SIDE USING 1 SET OF 1/4" NUT AND FLAT WASHER

E1: 4455 INSTALLATION

EQUIPMENT INSTALLATION SEE SHEET 4
TORQUE ALL TO SPEC

COMMScope, INC. OF NORTH CAROLINA				
TITLE KIT ERICSSON INSTALL INTO PB20GA-0.375				
SIZE C	SCALE 1:10	DOCUMENT NO. MTM1193-1101-AMK-E		
 		DRAWING		
		VERSION 03	STATUS RE	REVISION D
				SHEET 6 OF 18

D

D

C

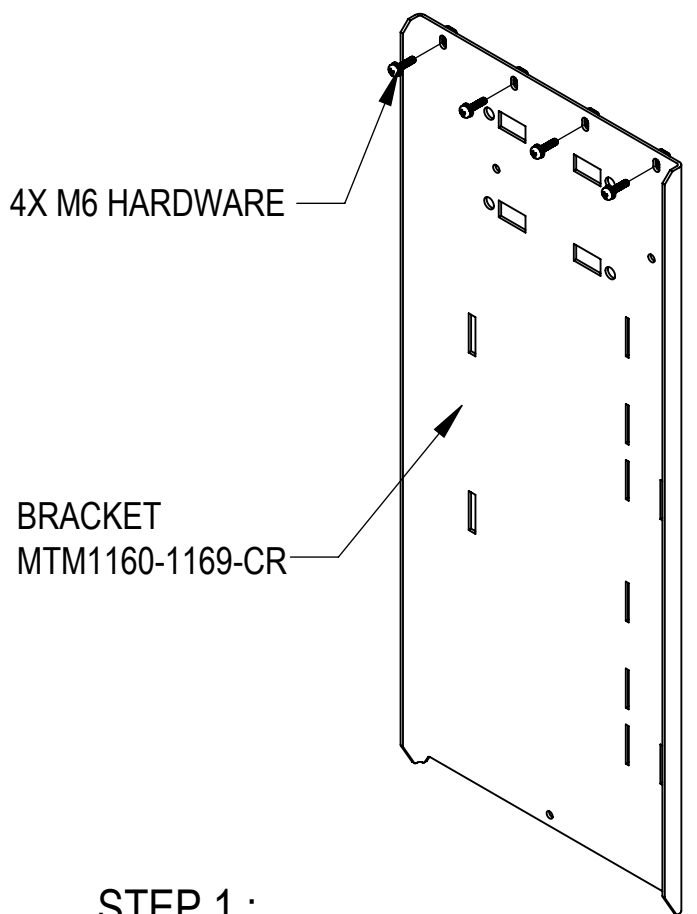
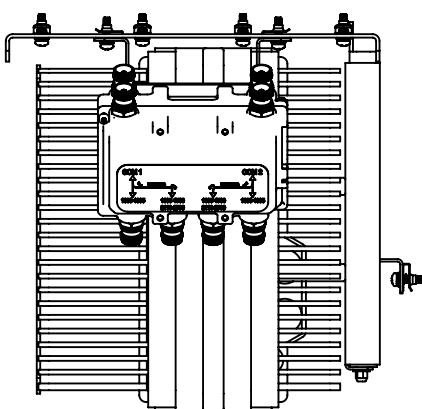
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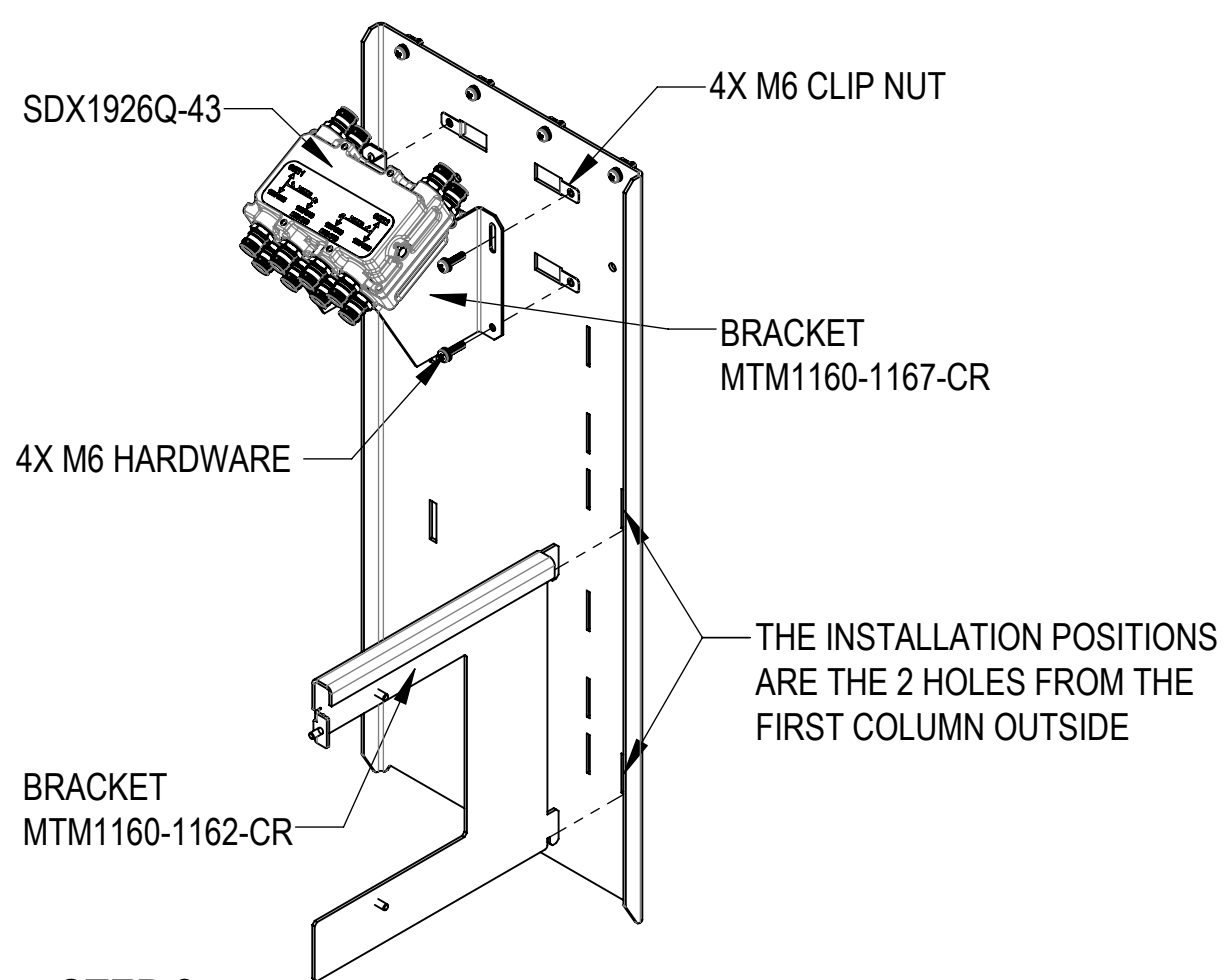
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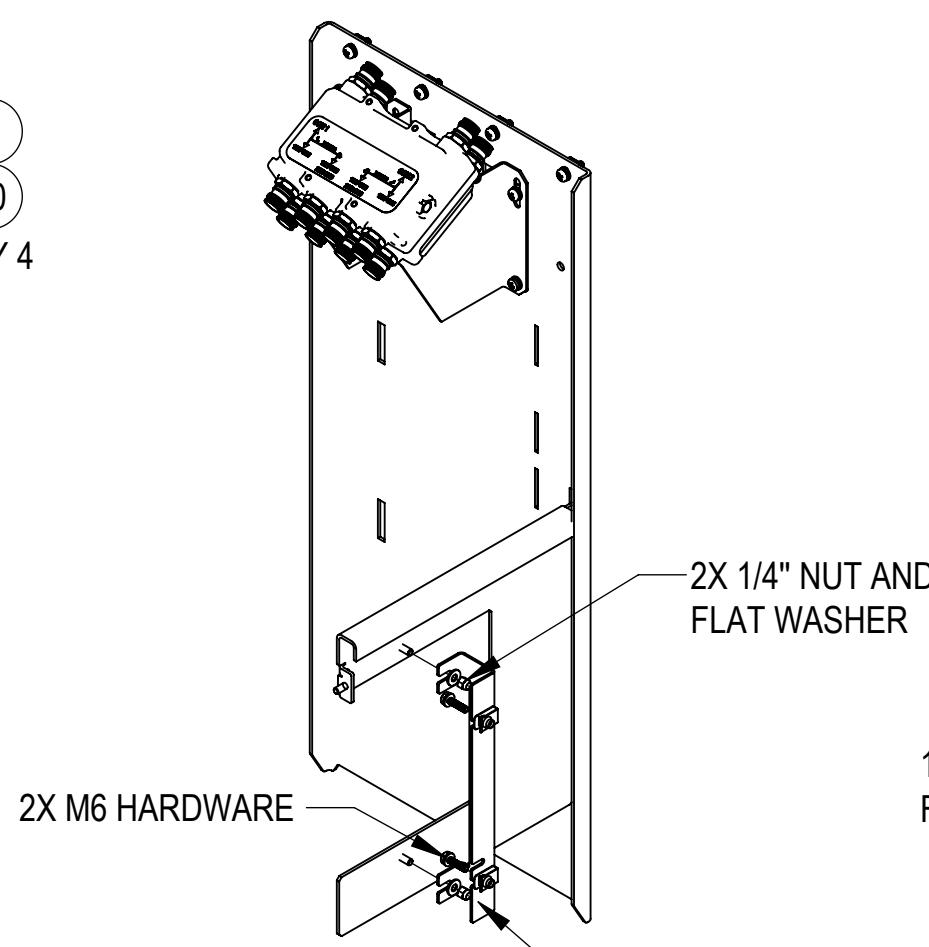
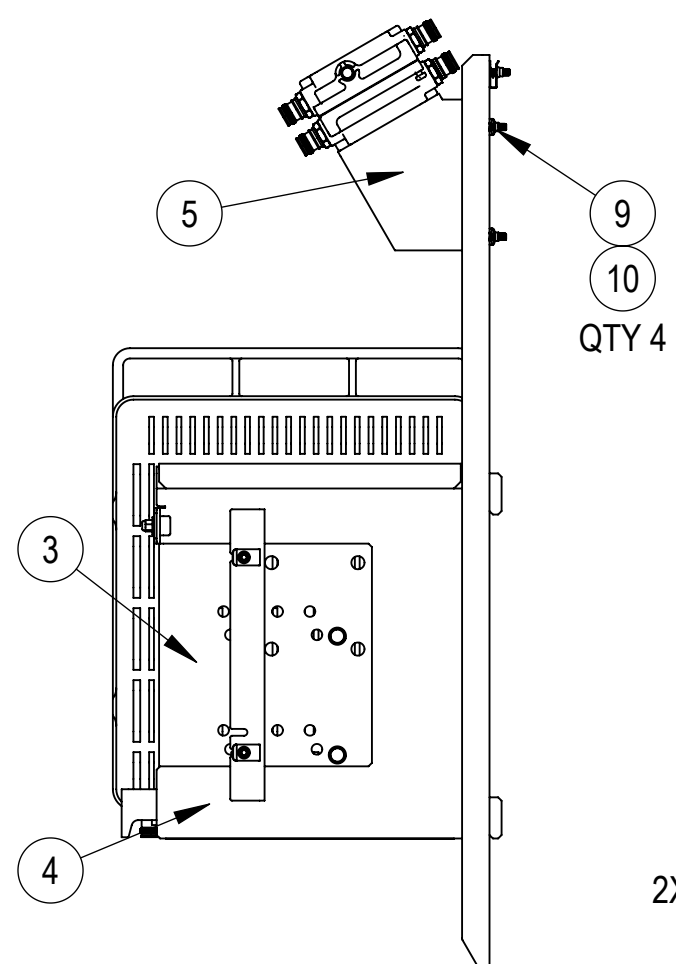
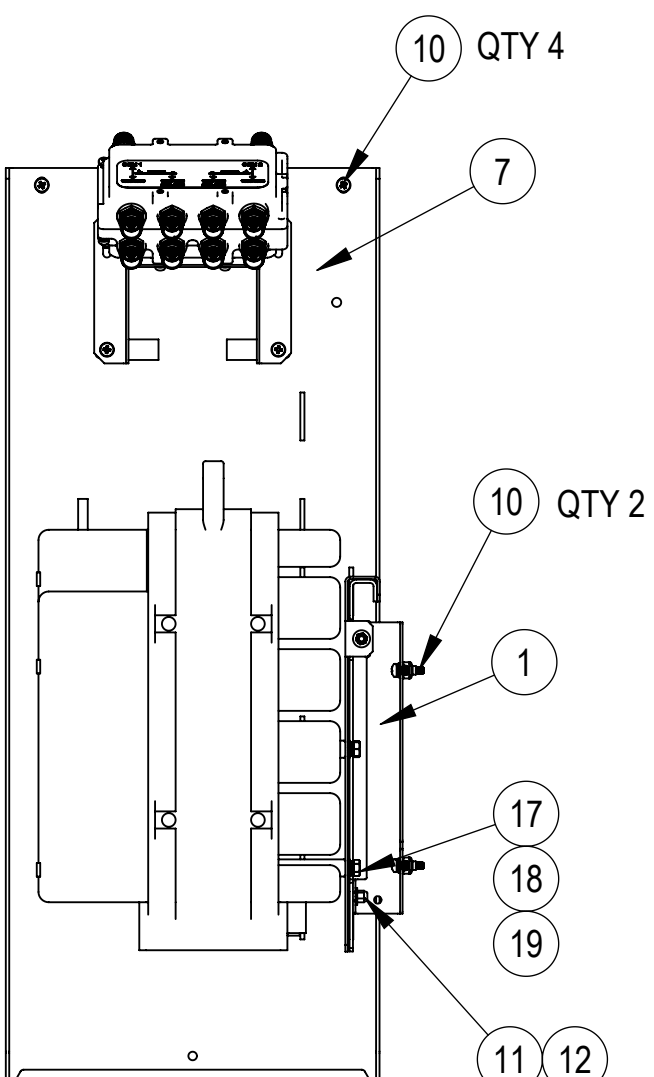
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STEP 1 :
MTM1160-1169-CR
1. INSTALL THE MOUNTING BRACKET MTM1160-1169-CR TO BRACKET OF ASSEMBLY USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS

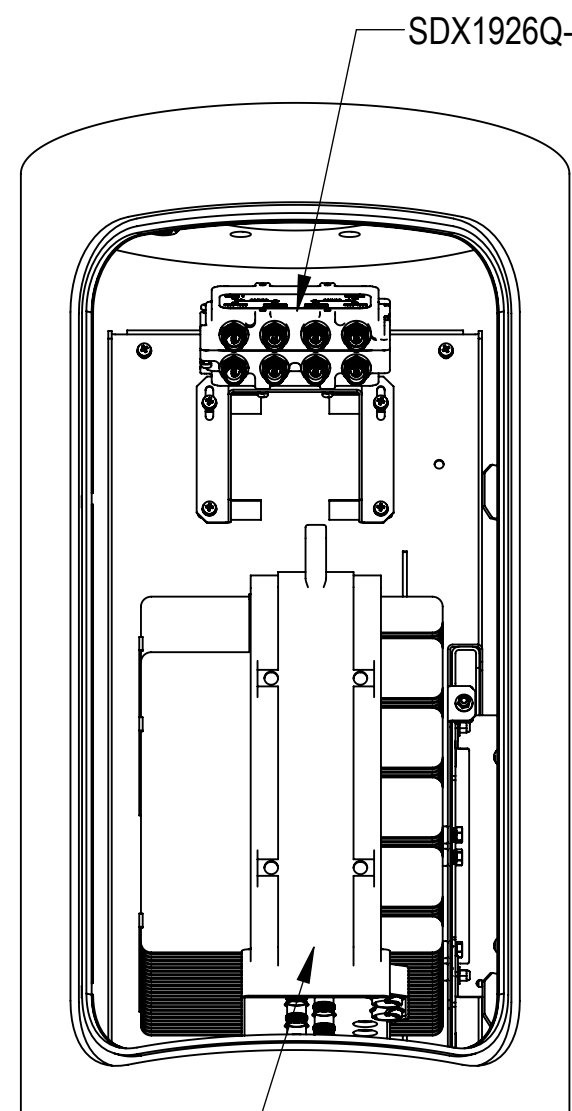


STEP 2 :
MTM1160-1167-CR(SDX1926Q-43) + MTM1160-1162-CR
1. INSTALL M6 CLIP NUTS AS SHOWN
2. INSTALL THE MOUNTING BRACKET MTM1160-1167-CR TO THE MOUNTING BRACKET MTM1160-1169-CR USING 4 SETS OF SEMS SCREWS.
3. HANG THE MOUNTING BRACKET MTM1160-1162-CR TO THE 2 HOLES FROM THE FIRST COLUMN OUTSIDE OF THE MOUNTING BRACKET MTM1160-1169-CR



STEP 3 :
MTM1193-1111-CR
1. INSTALL ONE SIDE OF THE MOUNTING BRACKET MTM1193-1111-CR TO BRACKET OF ASSEMBLY USING 2 SETS OF M6 SEMS SCREWS, CLIP NUTS AND THE OTHER SIDE(AVOIDED SLOT) TO THE MOUNTING BRACKET MTM1160-1162-CR USING 2 SETS OF 1/4" NUTS, FLAT WASHERS

STEP 4 :
MTM1160-1141-CR(8843)
1. HANG THE MOUNTING BRACKET MTM1160-1141-CR TO THE MOUNTING BRACKET MTM1160-1162-CR AND LOCK THE SIDE USING 1 SET OF 1/4" NUT AND FLAT WASHER



BOM FOR 8843 + QUAD DIPLEXER SDX1926Q-43 INSTALLATION

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MTM1193-1111-CR	BRKT SM SPRT 4 HOOK & HANG PB20GA-0.375	1
3	MTM1160-1141-CR	BRKT SLIDE HANGER ERCISON PB20GA	1
4	MTM1160-1162-CR	BRACKET, HANGING RAIL MOVEABLE PB20GA	1
5	MTM1160-1167-CR	BRKT DIPLEX MNTG TOP/ANGLE PB20GA	1
7	MTM1160-1169-CR	BRKT MAIN HK & HANG REAR PLT PB20GA	1
9	460143456	CLIP NUT, M6, 316 SST	4
10	100117-4	FA,SEMS,PH,XRES,M6X25,SST,PASS	10
11	SNYL02	1/4" SS NYLOCK HEX NUT	3
12	SWF-02	FLAT WASHER, 1/4" SS	3
17	MTC9415	M8 X 25mm HEX BOLT SS	4
18	MTC9418	M8 LOCK WASHER SS	4
19	MTC9419	M8 FLAT WASHER SS	4

E2: 8843 + QUAD DIPLEXER SDX1926Q-43 INSTALLATION

EQUIPMENT INSTALLATION SEE SHEET 4 & 5
TORQUE ALL TO SPEC

COMMScope, INC. OF NORTH CAROLINA

TITLE
KIT ERICSSON INSTALL INTO PB20GA-0.375

SIZE
C

SCALE
1:10

DOCUMENT NO.
MTM1193-1101-AMK-E

DRAWING

VERSION	STATUS	REVISION
03	RE	D

SHEET
7 OF 18

D

D

C

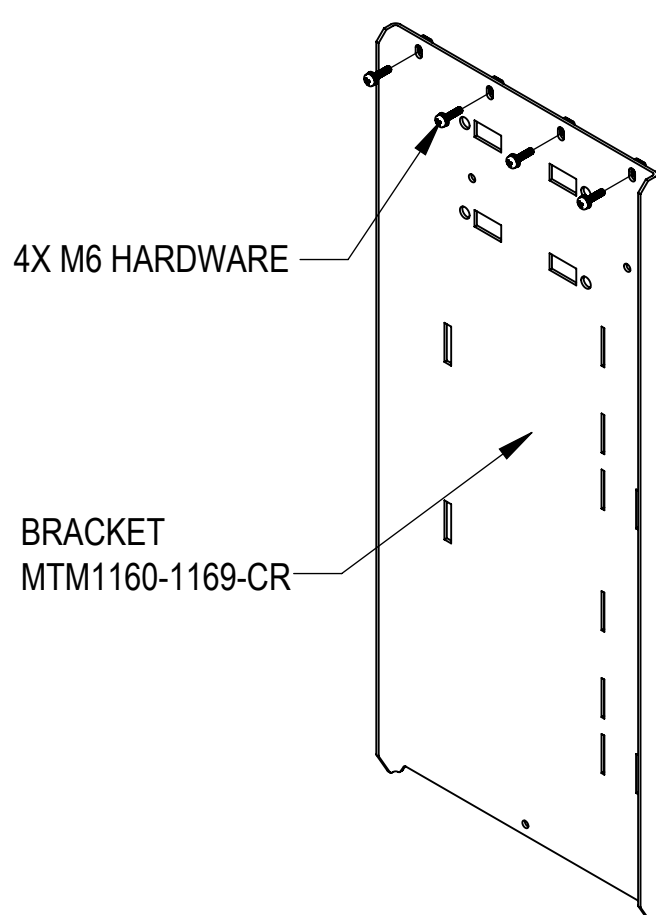
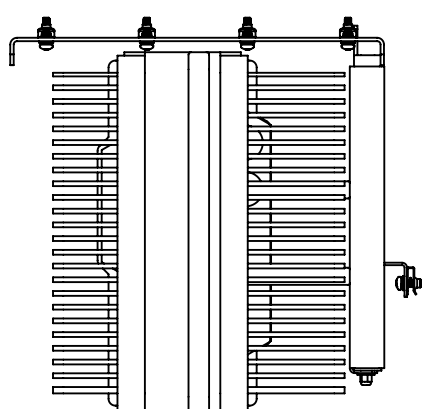
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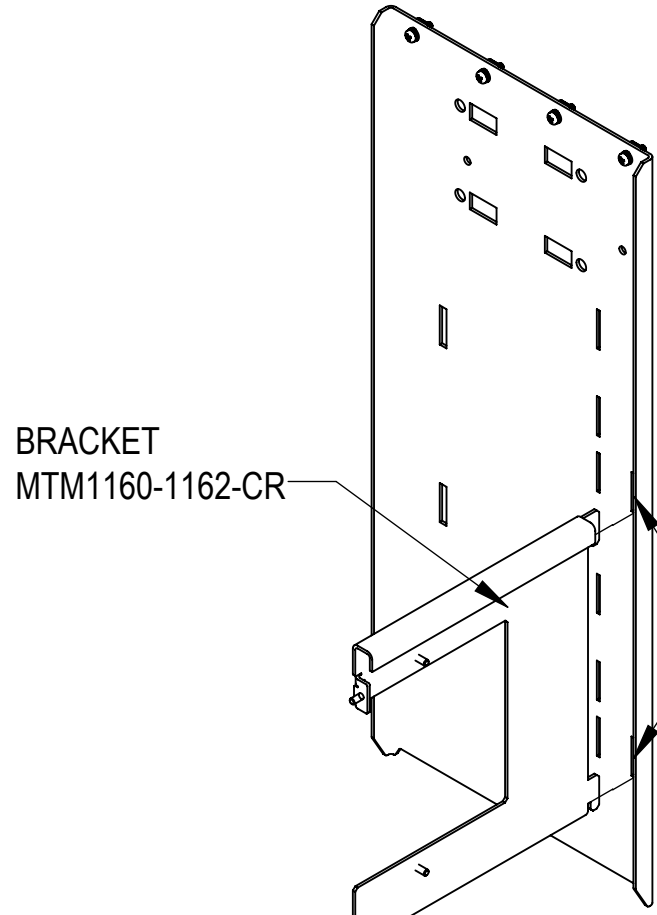
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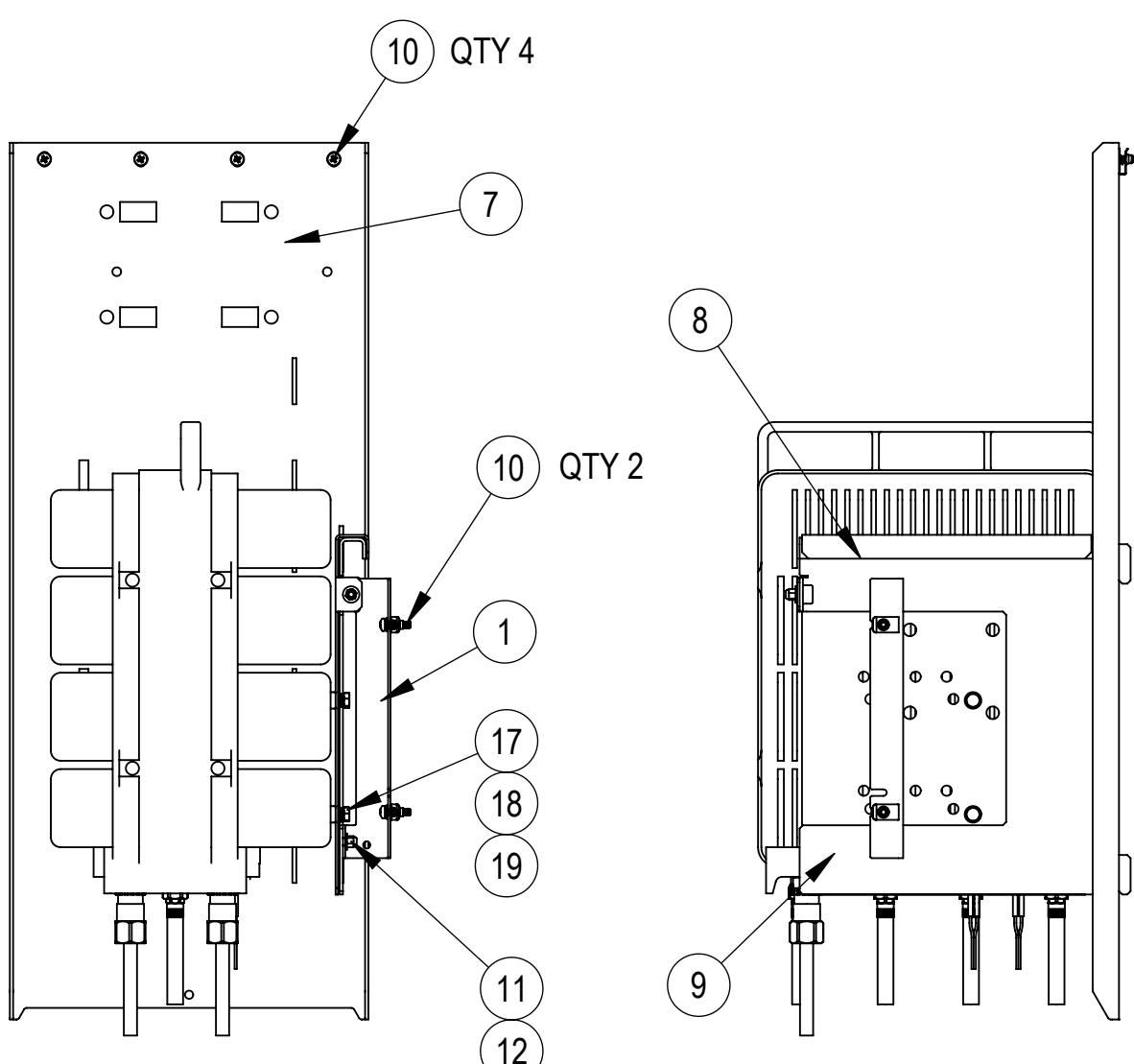
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STEP 1 :
MTM1160-1169-CR
1. INSTALL M6 CLIP NUTS AS SHOWN
2. INSTALL THE MOUNTING BRACKET MTM1160-1169-CR TO BRACKET OF ASSEMBLY USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS

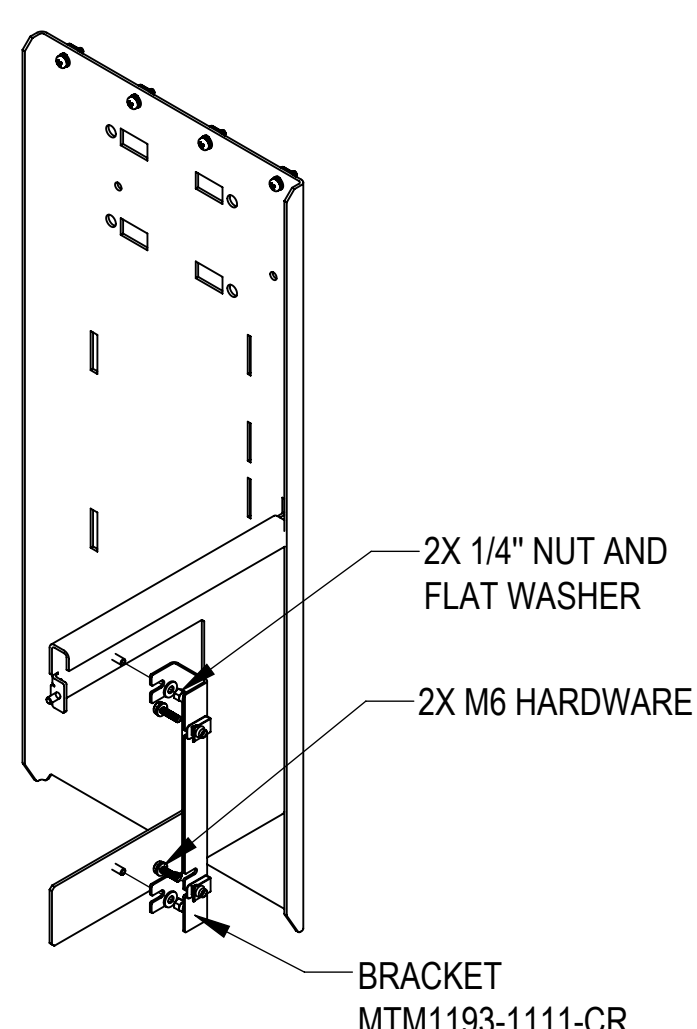


STEP 2 :
MTM1160-1162-CR
1. HANG THE MOUNTING BRACKET MTM1160-1162-CR TO THE 3RD AND 6TH HOLES FROM THE BOTTOM OF THE MOUNTING BRACKET MTM1160-1169-CR

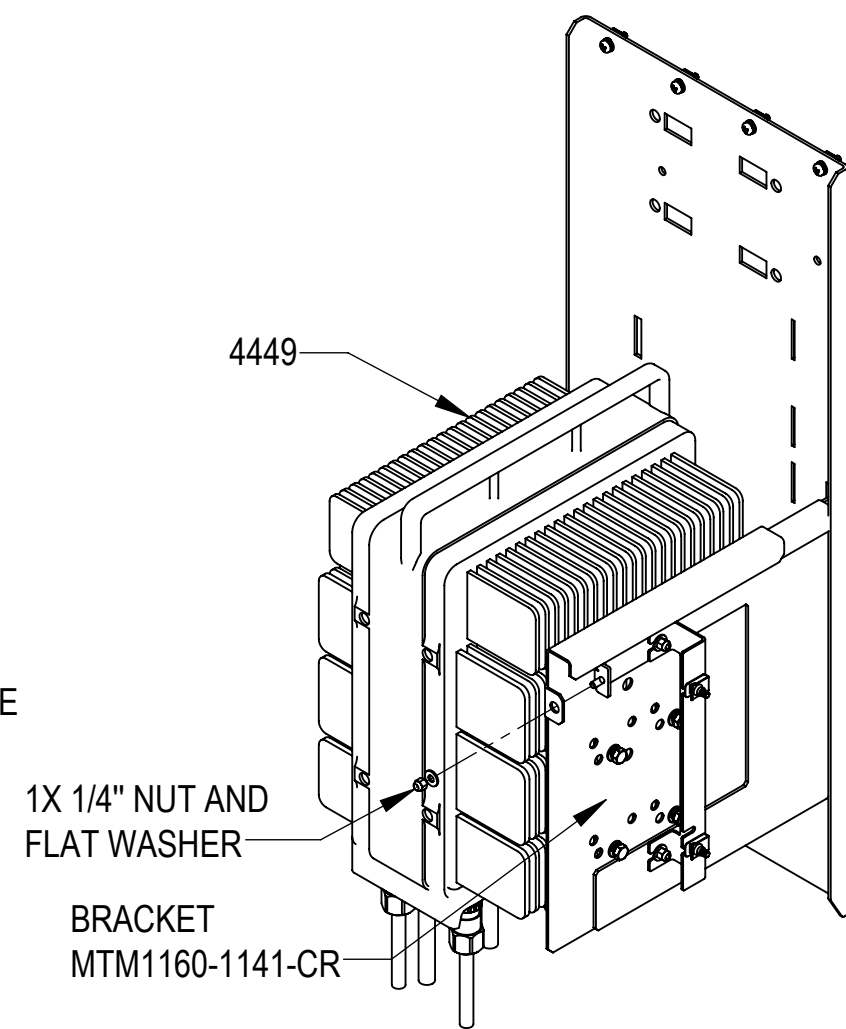


BOM FOR 4449 INSTALLATION

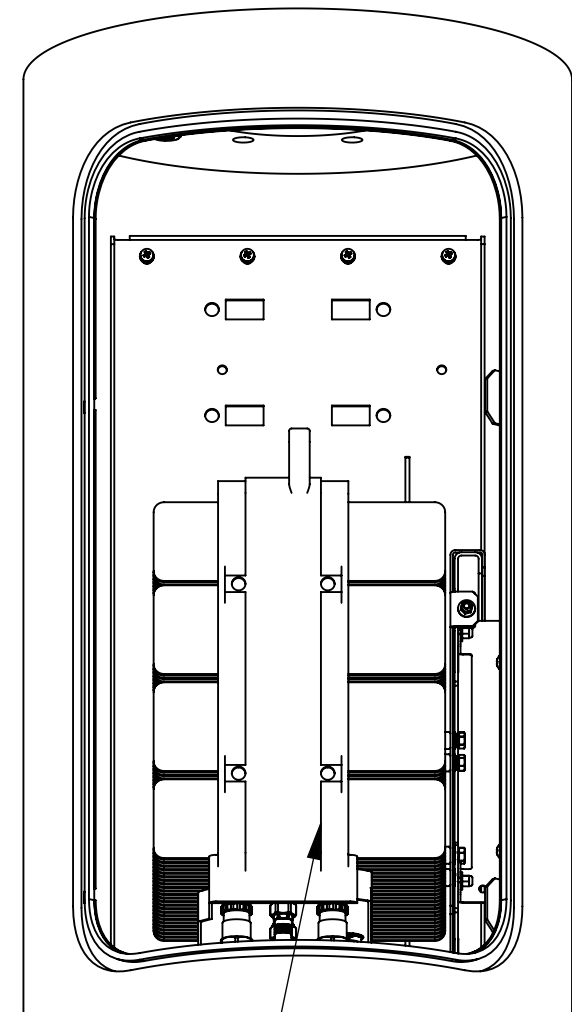
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MTM1193-1111-CR	BRKT SM SPRT 4 HOOK & HANG PB20GA-0.375	1
3	MTM1160-1141-CR	BRKT SLIDE HANGER ERCISON PB20GA	1
4	MTM1160-1162-CR	BRACKET, HANGING RAIL MOVEABLE PB20GA	1
7	MTM1160-1169-CR	BRKT MAIN HK & HANG REAR PLT PB20GA	1
10	100117-4	FA,SEMS,PH,XRES,M6X25,SST,PASS	6
11	SNYL02	1/4" SS NYLOCK HEX NUT	3
12	SWF-02	FLAT WASHER, 1/4" SS	3
17	MTC9415	M8 X 25mm HEX BOLT SS	4
18	MTC9418	M8 LOCK WASHER SS	4
19	MTC9419	M8 FLAT WASHER SS	4



STEP 3 :
MTM1193-1111-CR
1. INSTALL ONE SIDE OF THE MOUNTING BRACKET MTM1193-1111-CR TO BRACKET OF ASSEMBLY USING 2 SETS OF M6 SEMS SCREWS, CLIP NUTS AND THE OTHER SIDE(AVOIDED SLOT) TO THE MOUNTING BRACKET MTM1160-1162-CR USING 2 SETS OF 1/4" NUTS, FLAT WASHERS



STEP 4 :
MTM1160-1141-CR(ERC 4449)
1. HANG THE MOUNTING BRACKET MTM1160-1141-CR TO THE MOUNTING BRACKET MTM1160-1162-CR AND LOCK THE SIDE USING 1 SET OF 1/4" NUT AND FLAT WASHER



E3: 4449 INSTALLATION

EQUIPMENT INSTALLATION SEE SHEET 4
TORQUE ALL TO SPEC

COMMScope, INC. OF NORTH CAROLINA				
TITLE KIT ERICSSON INSTALL INTO PB20GA-0.375				
SIZE C	SCALE 1:10	DOCUMENT NO. MTM1193-1101-AMK-E		
 		DRAWING		
		VERSION 03	STATUS RE	REVISION D
				SHEET 8 OF 18

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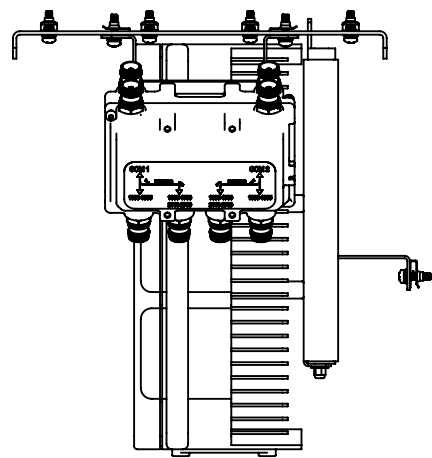
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4X M6 HARDWARE

BRACKET
MTM1160-1169-CR

STEP 1 :

MTM1160-1169-CR

1. INSTALL THE MOUNTING BRACKET MTM1160-1169-CR TO BRACKET OF ASSEMBLY USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS

SDX1926Q-43

4X M6 CLIP NUT

BRACKET
MTM1160-1167-CR

4X M6 HARDWARE

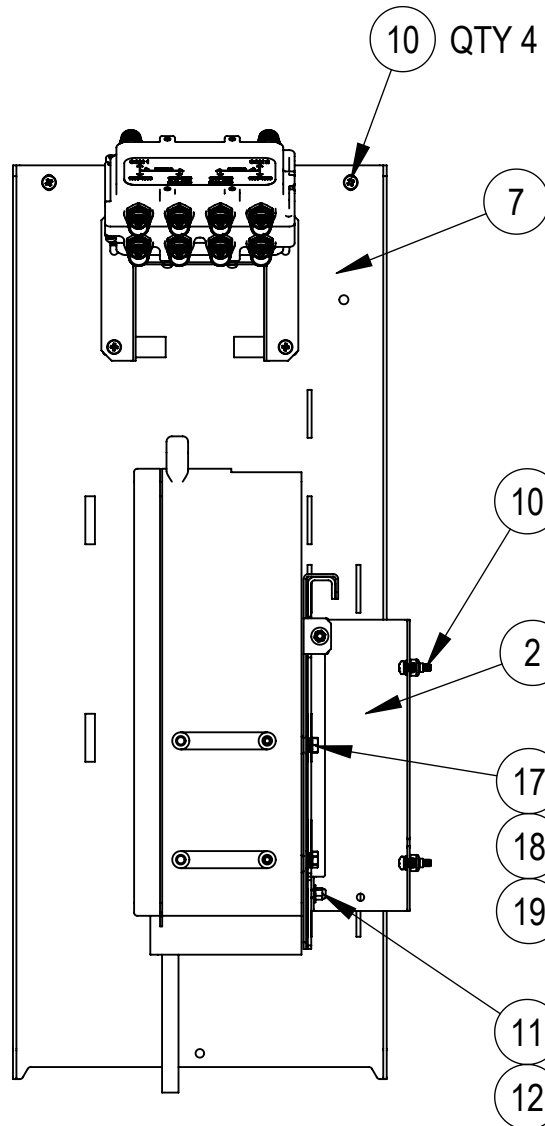
BRACKET
MTM1160-1162-CR

THE INSTALLATION
POSITIONS ARE THE 1ST
AND 4TH HOLES FROM
THE BOTTOM

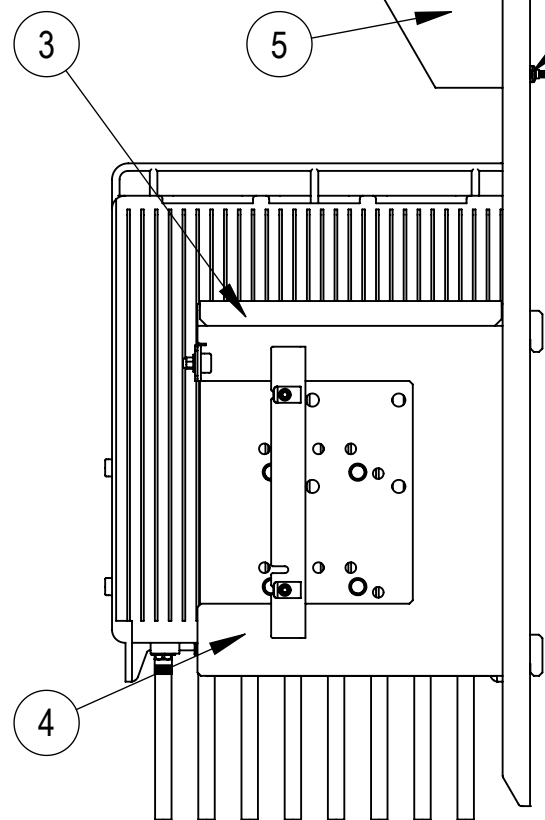
STEP 2 :

MTM1160-1167-CR(SDX1926Q-43) + MTM1160-1162-CR

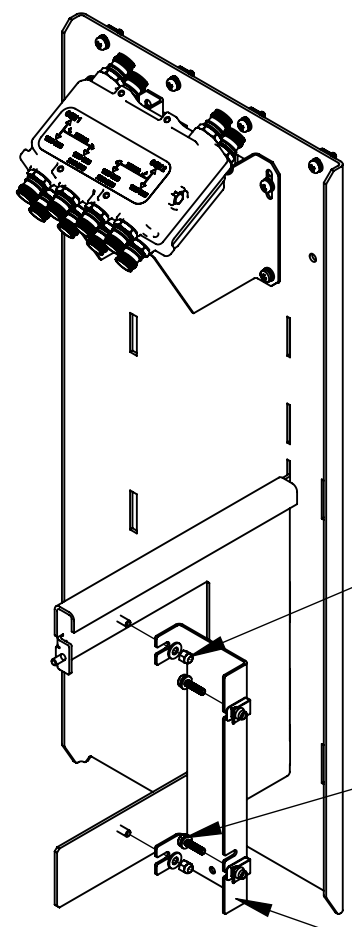
1. INSTALL M6 CLIP NUTS AS SHOWN
2. INSTALL THE MOUNTING BRACKET MTM1160-1167-CR TO THE MOUNTING BRACKET MTM1160-1169-CR USING 4 SETS OF M6 SEMS SCREWS.
3. HANG THE MOUNTING BRACKET MTM1160-1162-CR TO THE 1ST AND 4TH HOLES FROM THE BOTTOM OF THE MOUNTING BRACKET MTM1160-1169-CR



10 QTY 2



9
10
QTY 4



2X 1/4" NUT AND
FLAT WASHER

2X M6 HARDWARE

BRACKET
MTM1193-1112-CR

STEP 3 :

MTM1193-1112-CR

1. INSTALL ONE SIDE OF THE MOUNTING BRACKET MTM1193-1112-CR TO BRACKET OF ASSEMBLY USING 2 SETS OF M6 SEMS SCREWS, CLIP NUTS AND THE OTHER SIDE(AVOIDED SLOT) TO THE MOUNTING BRACKET MTM1160-1162-CR USING 2 SETS OF 1/4" NUTS, FLAT WASHERS

1X 1/4" NUT AND
FLAT WASHER

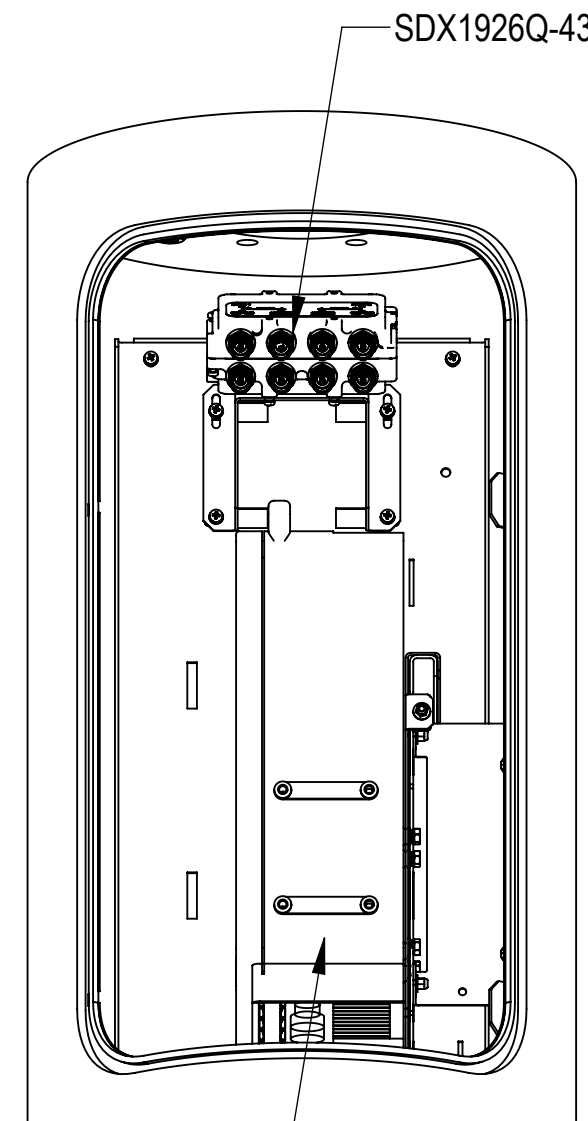
8863

BRACKET
MTM1160-1141-CR

STEP 4 :

MTM1160-1141-CR(8863)

1. HANG THE MOUNTING BRACKET MTM1160-1141-CR TO THE MOUNTING BRACKET MTM1160-1162-CR AND LOCK THE SIDE USING 1 SET OF 1/4" NUT AND FLAT WASHER



8863

BOM FOR 8863 + QUAD DIPLEXER SDX1926Q-43 INSTALLATION

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
2	MTM1193-1112-CR	BRKT LG SPRT 4 HOOK & HANG PB20GA-0.375	1
3	MTM1160-1141-CR	BRKT SLIDE HANGER ERCISON PB20GA	1
4	MTM1160-1162-CR	BRACKET, HANGING RAIL MOVEABLE PB20GA	1
5	MTM1160-1167-CR	BRKT DIPLEX MNTG TOP/ANGLE PB20GA	1
7	MTM1160-1169-CR	BRKT MAIN HK & HANG REAR PLT PB20GA	1
9	460143456	CLIP NUT, M6, 316 SST	4
10	100117-4	FA,SEMS,PH,XRES,M6X25,SST,PASS	10
11	SNYL02	1/4" SS NYLOCK HEX NUT	3
12	SWF-02	FLAT WASHER, 1/4" SS	3
17	MTC9415	M8 X 25mm HEX BOLT SS	4
18	MTC9418	M8 LOCK WASHER SS	4
19	MTC9419	M8 FLAT WASHER SS	4

E4: 8863 + QUAD DIPLEXER SDX1926Q-43 INSTALLATION

EQUIPMENT INSTALLATION SEE SHEET 4 & 5
TORQUE ALL TO SPEC

COMMScope, INC. OF NORTH CAROLINA

TITLE
KIT ERICSSON INSTALL INTO PB20GA-0.375

SIZE	SCALE	DOCUMENT NO.
C	1:10	MTM1193-1101-AMK-E
DRAWING		
VERSION	STATUS	REVISION
03	RE	D
SHEET 9 OF 18		

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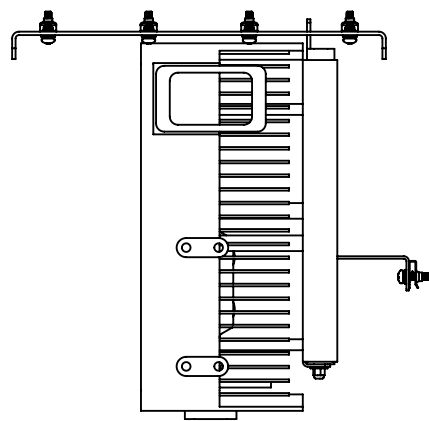
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4X M6 CLIP NUT

BRACKET
MTM1160-1169-CR

BRACKET
MTM1160-1162-CR

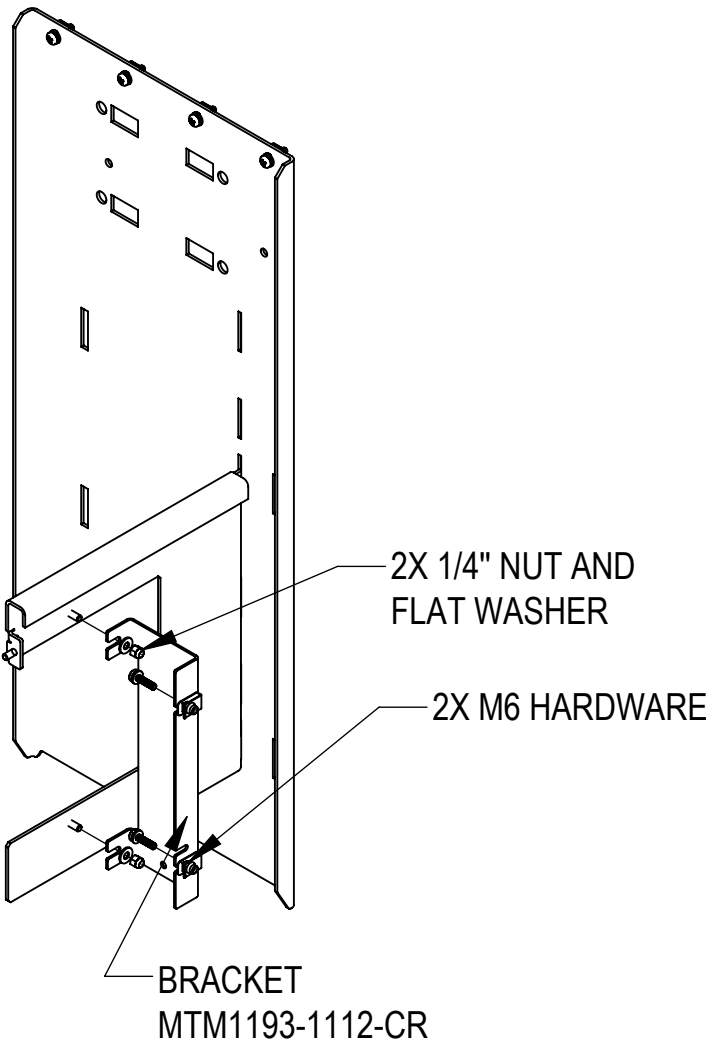
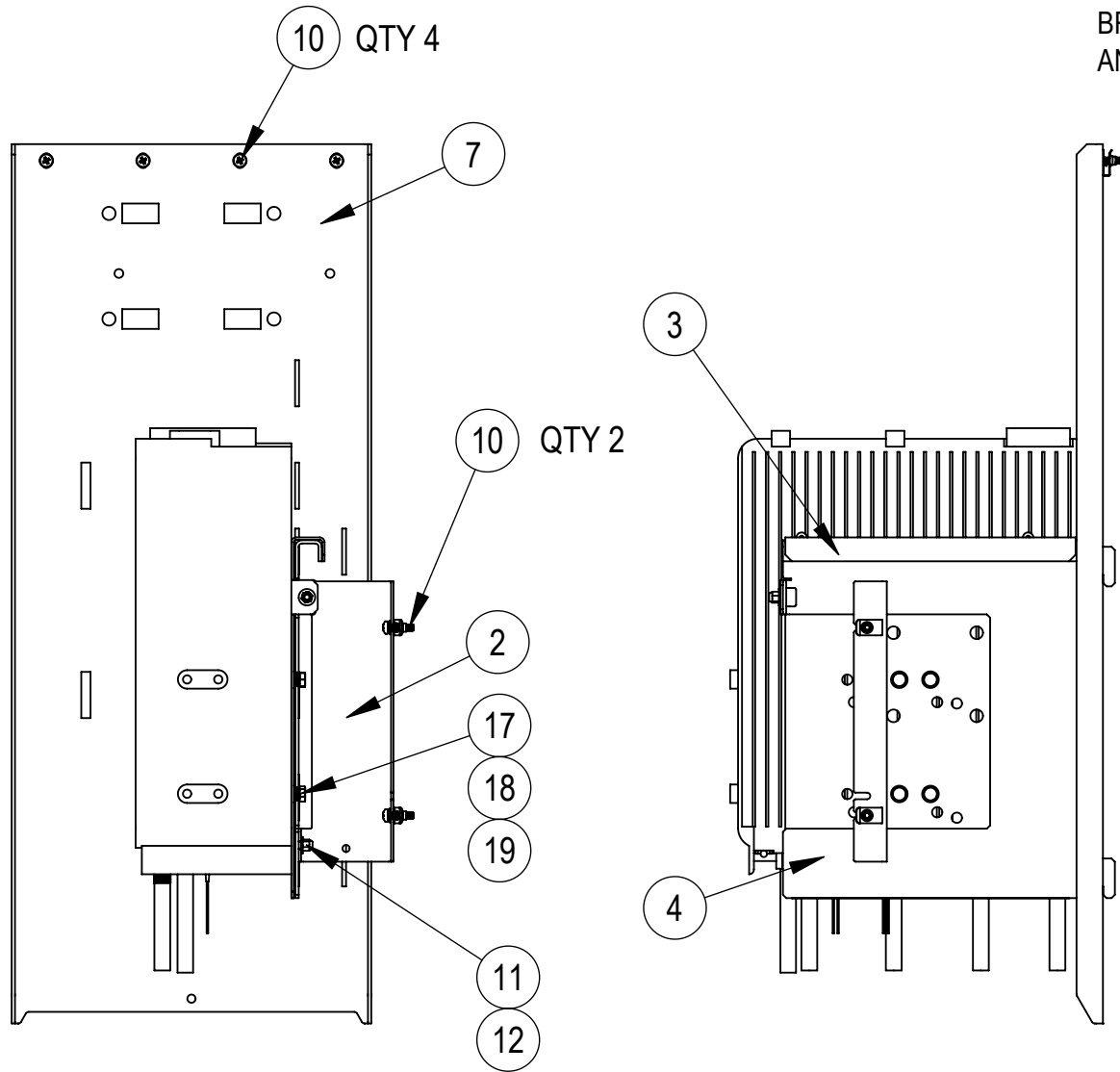
THE INSTALLATION
POSITIONS ARE THE 1ST
AND 4TH HOLES FROM
THE BOTTOM

STEP 1 :
MTM1160-1169-CR

INSTALL THE MOUNTING BRACKET MTM1160-1169-CR TO
BRACKET OF ASSEMBLY USING 4 SETS OF M6 SEMS SCREWS
AND CLIP NUTS

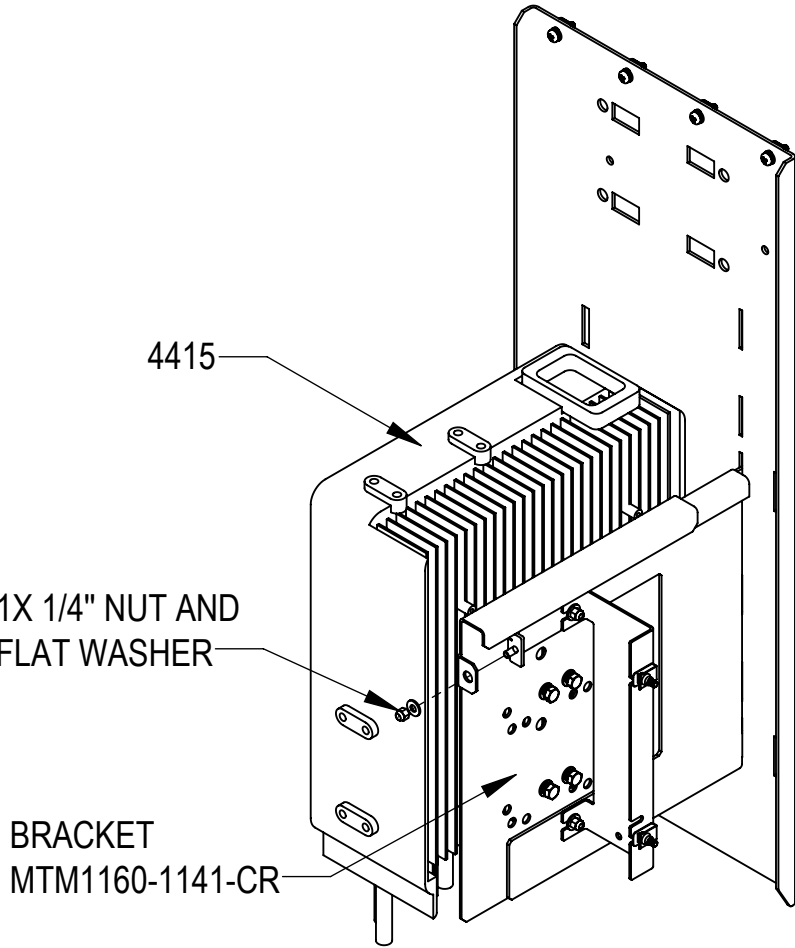
STEP 2 :
MTM1160-1162-CR

1. HANG THE MOUNTING BRACKET MTM1160-1162-CR TO THE 1ST AND 4TH
HOLES FROM THE BOTTOM OF THE MOUNTING BRACKET MTM1160-1169-CR



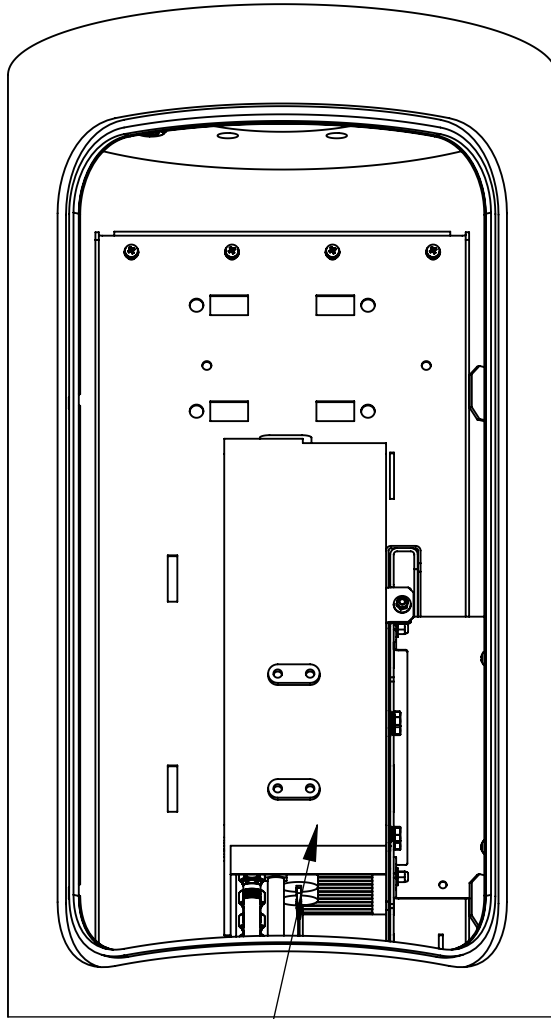
STEP 3 :
MTM1193-1112-CR

1. INSTALL ONE SIDE OF THE MOUNTING BRACKET
MTM1193-1112-CR TO BRACKET OF ASSEMBLY
USING 2 SETS OF M6 SEMS SCREWS, CLIP NUTS
AND THE OTHER SIDE(AVOIDED SLOT) TO THE
MOUNTING BRACKET MTM1160-1162-CR USING 2
SETS OF 1/4\"/>



STEP 4 :
MTM1160-1141-CR(4415)

1. HANG THE MOUNTING BRACKET MTM1160-1141-CR TO THE MOUNTING
BRACKET MTM1160-1162-CR AND LOCK THE SIDE USING 1 SET OF 1/4\"/>



BOM FOR 4415 INSTALLATION

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
2	MTM1193-1112-CR	BRKT LG SPRT 4 HOOK & HANG PB20GA-0.375	1
3	MTM1160-1141-CR	BRKT SLIDE HANGER ERCISON PB20GA	1
4	MTM1160-1162-CR	BRACKET, HANGING RAIL MOVEABLE PB20GA	1
7	MTM1160-1169-CR	BRKT MAIN HK & HANG REAR PLT PB20GA	1
10	100117-4	FA,SEMS,PH,XRES,M6X25,SST,PASS	6
11	SNYL02	1/4" SS NYLOCK HEX NUT	3
12	SWF-02	FLAT WASHER, 1/4" SS	3
17	MTC9415	M8 X 25mm HEX BOLT SS	4
18	MTC9418	M8 LOCK WASHER SS	4
19	MTC9419	M8 FLAT WASHER SS	4

E5: 4415 INSTALLATION

EQUIPMENT INSTALLATION SEE SHEET 4
TORQUE ALL TO SPEC

COMMScope, INC. OF NORTH CAROLINA				
TITLE KIT ERICSSON INSTALL INTO PB20GA-0.375				
SIZE C	SCALE 1:10	DOCUMENT NO. MTM1193-1101-AMK-E		
 		DRAWING		
		VERSION 03	STATUS RE	REVISION D
				SHEET 10 OF 18

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4X M6 HARDWARE

BRACKET
MTM1160-1169-CR

STEP 1 :
MTM1160-1169-CR

1. INSTALL THE MOUNTING BRACKET MTM1160-1169-CR TO BRACKET OF ASSEMBLY USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS

STEP 2 :
MTM1160-1162-CR

1. HANG THE MOUNTING BRACKET MTM1160-1162-CR TO THE 1ST AND 4TH HOLES FROM THE BOTTOM OF THE MOUNTING BRACKET MTM1160-1169-CR

THE INSTALLATION
POSITIONS ARE THE 1ST
AND 4TH HOLES FROM
THE BOTTOM

BRACKET
MTM1160-1162-CR

STEP 3 :
MTM1193-1112-CR

1. INSTALL ONE SIDE OF THE MOUNTING BRACKET MTM1193-1112-CR TO BRACKET OF ASSEMBLY USING 2 SETS OF M6 SEMS SCREWS, CLIP NUTS AND THE OTHER SIDE(AVOIDED SLOT) TO THE MOUNTING BRACKET MTM1160-1162-CR USING 2 SETS OF 1/4" NUT AND FLAT WASHERS

2X 1/4" NUT AND
FLAT WASHER

2X M6 HARDWARE

BRACKET
MTM1193-1112-CR

1X 1/4" NUT AND
FLAT WASHER

BRACKET
MTM1160-1141-CR

STEP 4 :
MTM1160-1141-CR(4426)

1. HANG THE MOUNTING BRACKET MTM1160-1141-CR TO THE MOUNTING BRACKET MTM1160-1162-CR AND LOCK THE SIDE USING 1 SET OF 1/4" NUT AND FLAT WASHER

BOM FOR 4426 INSTALLATION

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
2	MTM1193-1112-CR	BRKT LG SPRT 4 HOOK & HANG PB20GA-0.375	1
3	MTM1160-1141-CR	BRKT SLIDE HANGER ERCISON PB20GA	1
4	MTM1160-1162-CR	BRACKET, HANGING RAIL MOVEABLE PB20GA	1
7	MTM1160-1169-CR	BRKT MAIN HK & HANG REAR PLT PB20GA	1
10	100117-4	FA,SEMS,PH,XRES,M6X25,SST,PASS	6
11	SNYL02	1/4" SS NYLOCK HEX NUT	3
12	SWF-02	FLAT WASHER, 1/4" SS	3
17	MTC9415	M8 X 25mm HEX BOLT SS	4
18	MTC9418	M8 LOCK WASHER SS	4
19	MTC9419	M8 FLAT WASHER SS	4

E6: 4426 INSTALLATION

EQUIPMENT INSTALLATION SEE SHEET 4
TORQUE ALL TO SPEC

COMMSCOPE, INC. OF NORTH CAROLINA

TITLE
KIT ERICSSON INSTALL INTO PB20GA-0.375

SIZE
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SCALE
1:10

DOCUMENT NO.
MTM1193-1101-AMK-E



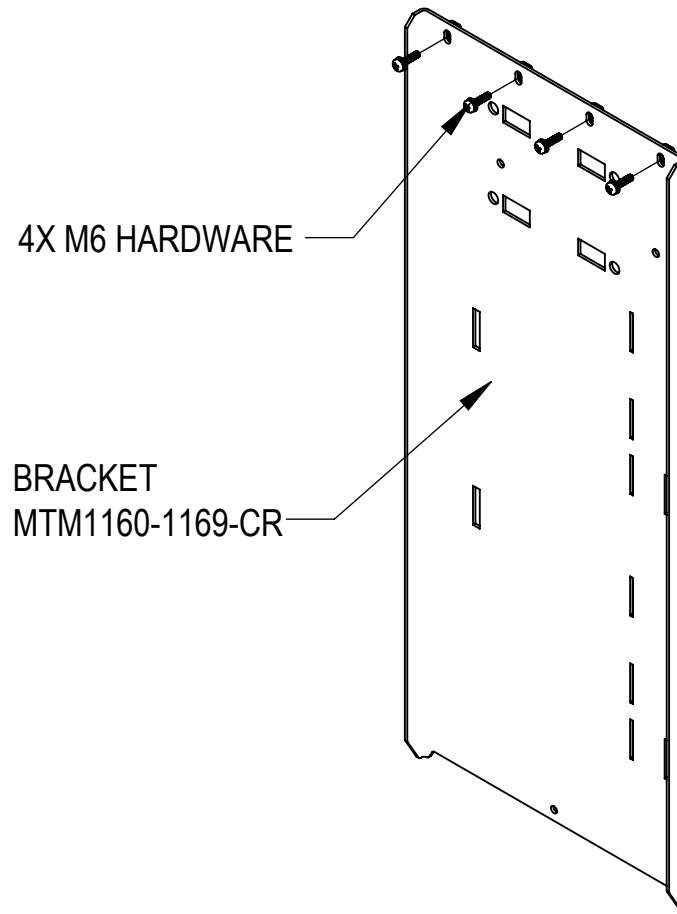
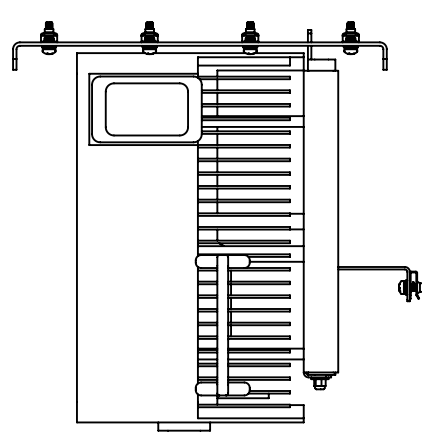
DRAWING			SHEET 11 OF 18
VERSION	STATUS	REVISION	
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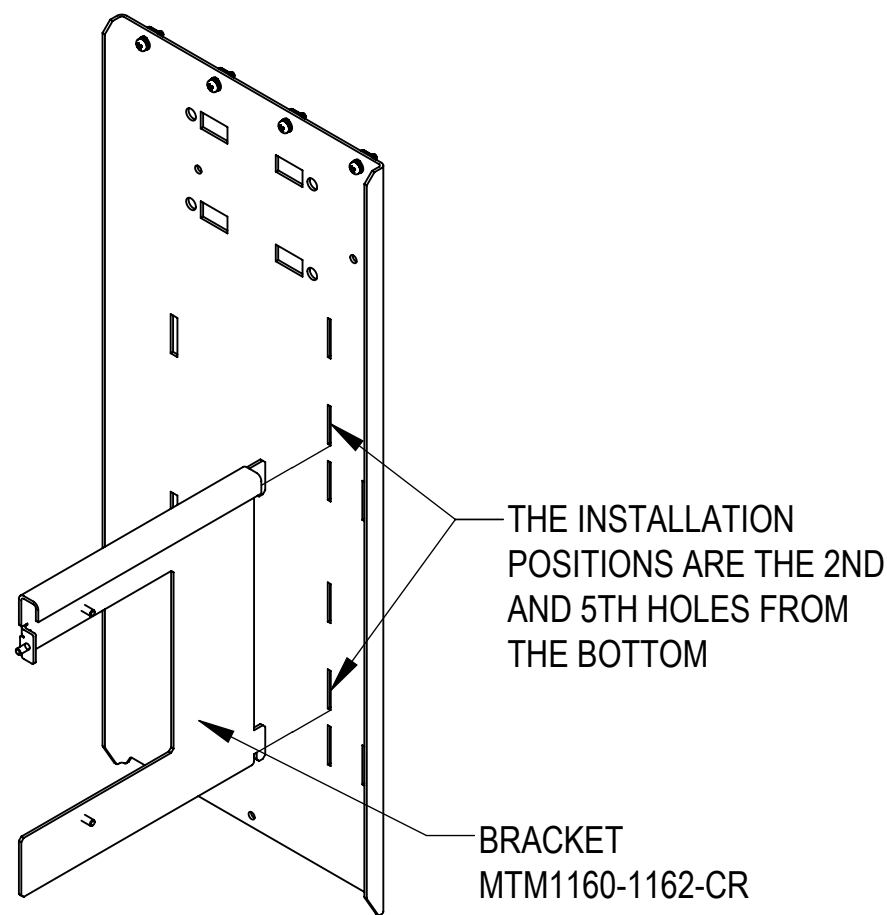
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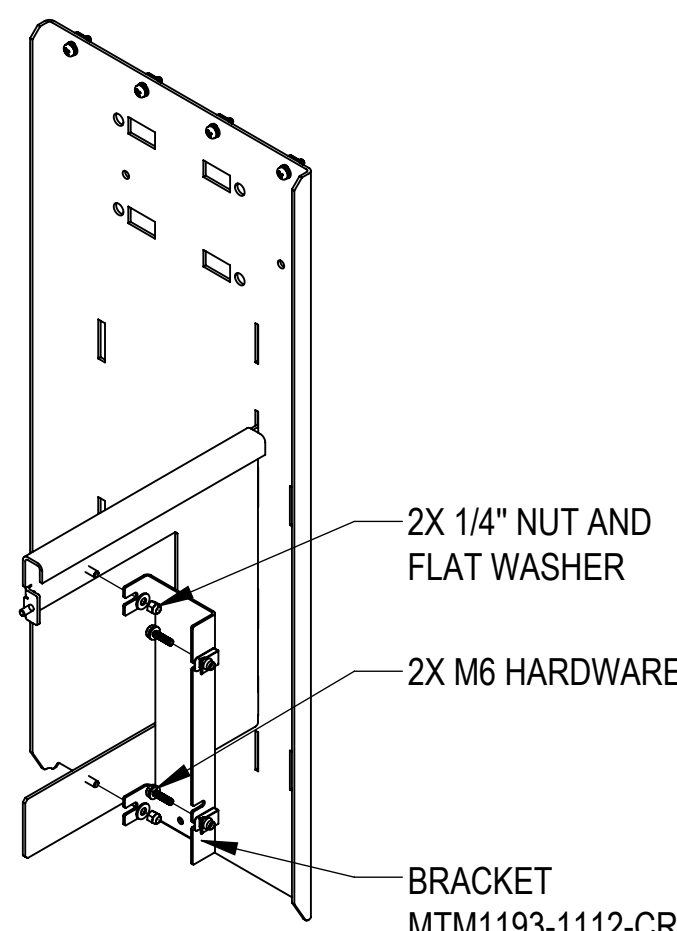
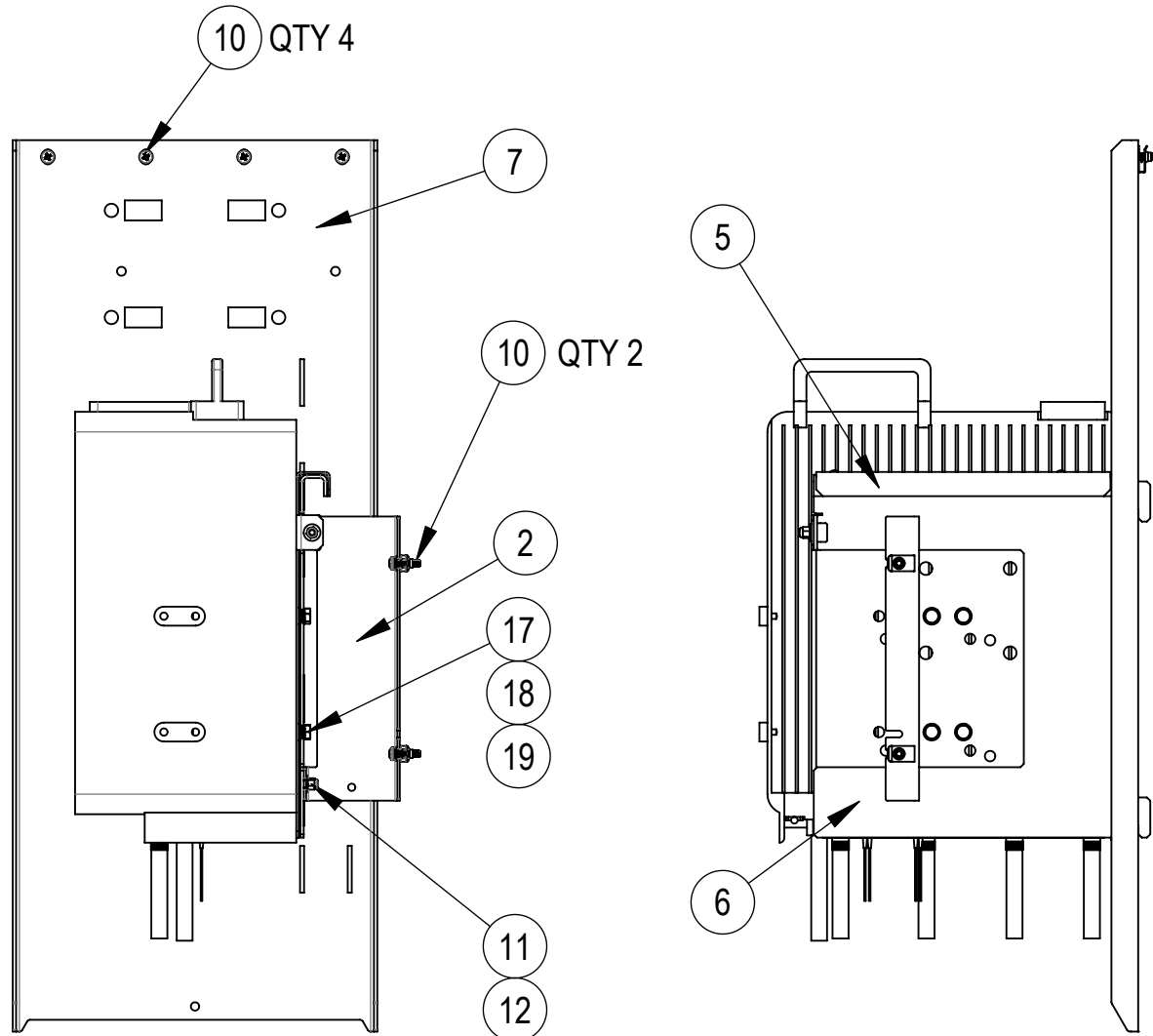
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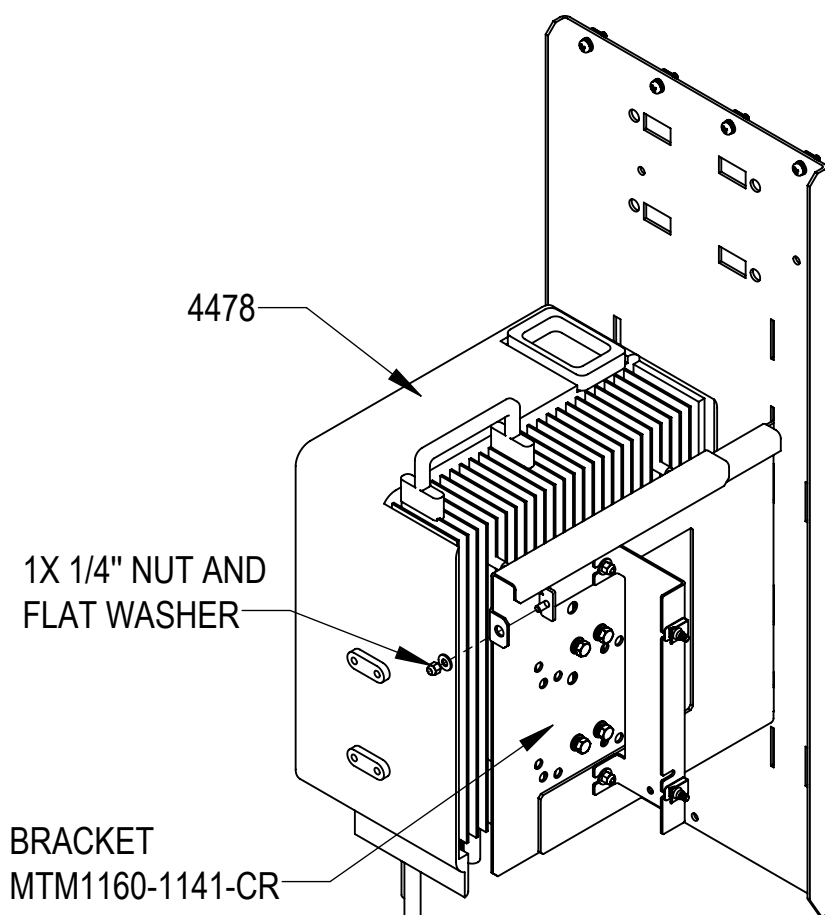
STEP 1 :
MTM1160-1169-CR
1. INSTALL THE MOUNTING BRACKET MTM1160-1169-CR TO BRACKET OF ASSEMBLY USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS



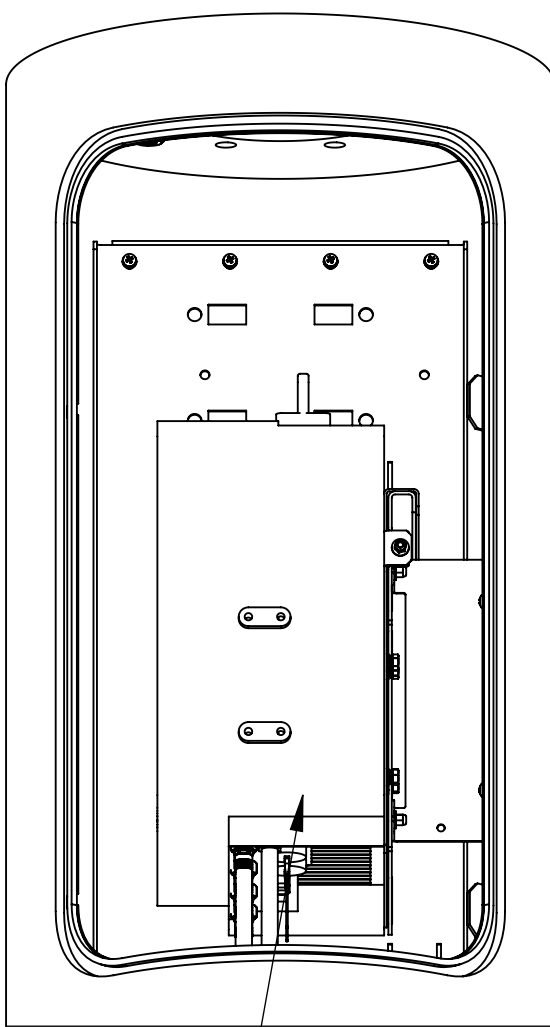
STEP 2 :
MTM1160-1162-CR
1. HANG THE MOUNTING BRACKET MTM1160-1162-CR TO THE 2ND AND 5TH HOLES FROM THE BOTTOM OF THE MOUNTING BRACKET MTM1160-1169-CR



STEP 3 :
MTM1193-1112-CR
1. INSTALL ONE SIDE OF THE MOUNTING BRACKET MTM1193-1112-CR TO BRACKET OF ASSEMBLY USING 2 SETS OF M6 SEMS SCREWS, CLIP NUTS AND THE OTHER SIDE(AVOIDED SLOT) TO THE MOUNTING BRACKET MTM1160-1162-CR USING 2 SETS OF 1/4" NUTS AND FLAT WASHERS



STEP 4 :
MTM1160-1141-CR(4478)
1. HANG THE MOUNTING BRACKET MTM1160-1141-CR TO THE MOUNTING BRACKET MTM1160-1162-CR AND LOCK THE SIDE USING 1 SET OF 1/4" NUT AND FLAT WASHER



BOM FOR 4478 INSTALLATION

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
2	MTM1193-1112-CR	BRKT LG SPRT 4 HOOK & HANG PB20GA-0.375	1
3	MTM1160-1141-CR	BRKT SLIDE HANGER ERCISON PB20GA	1
4	MTM1160-1162-CR	BRACKET, HANGING RAIL MOVEABLE PB20GA	1
7	MTM1160-1169-CR	BRKT MAIN HK & HANG REAR PLT PB20GA	1
10	100117-4	FA,SEMS,PH,XRES,M6X25,SST,PASS	6
11	SNYL02	1/4" SS NYLOCK HEX NUT	3
12	SWF-02	FLAT WASHER, 1/4" SS	3
17	MTC9415	M8 X 25mm HEX BOLT SS	4
18	MTC9418	M8 LOCK WASHER SS	4
19	MTC9419	M8 FLAT WASHER SS	4

E7: 4478 INSTALLATION

EQUIPMENT INSTALLATION SEE SHEET 4
TORQUE ALL TO SPEC

COMMScope, INC. OF NORTH CAROLINA				
TITLE KIT ERICSSON INSTALL INTO PB20GA-0.375				
SIZE C	SCALE 1:10	DOCUMENT NO. MTM1193-1101-AMK-E		
 		DRAWING		
		VERSION 03	STATUS RE	REVISION D
				SHEET 12 OF 18

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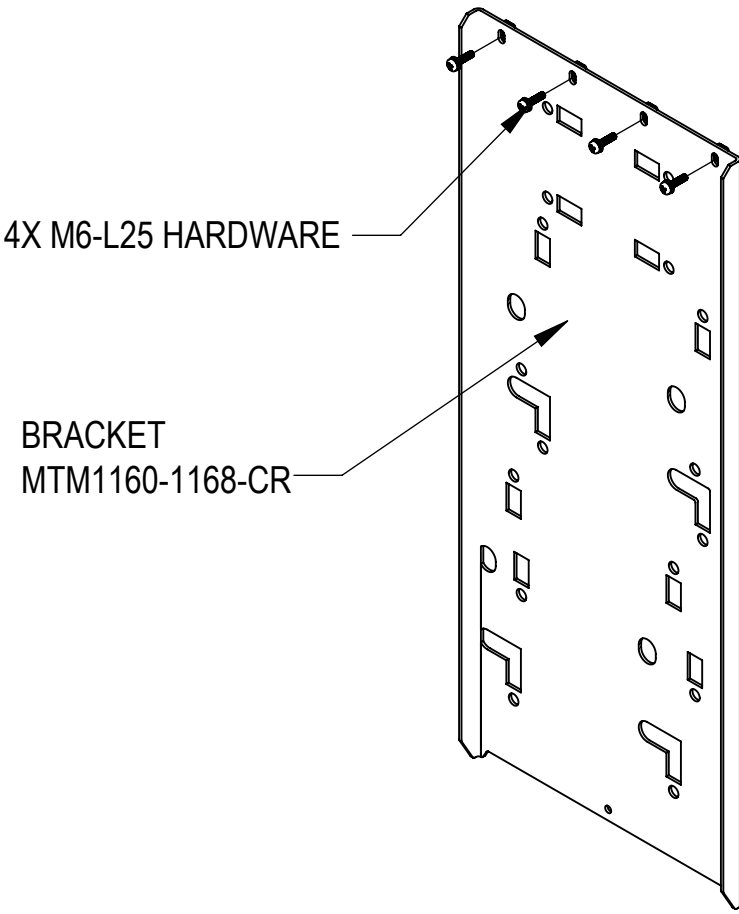
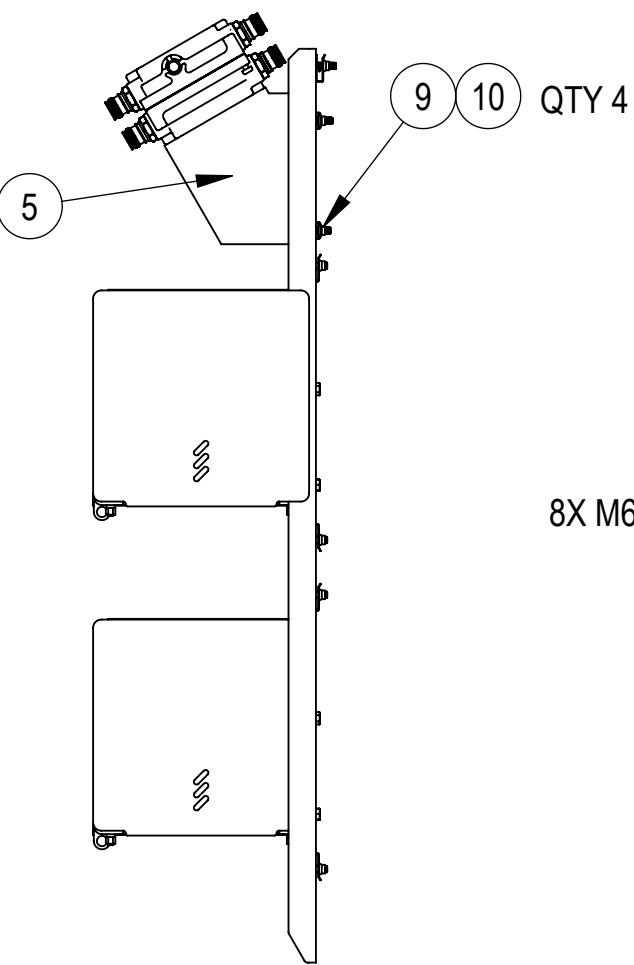
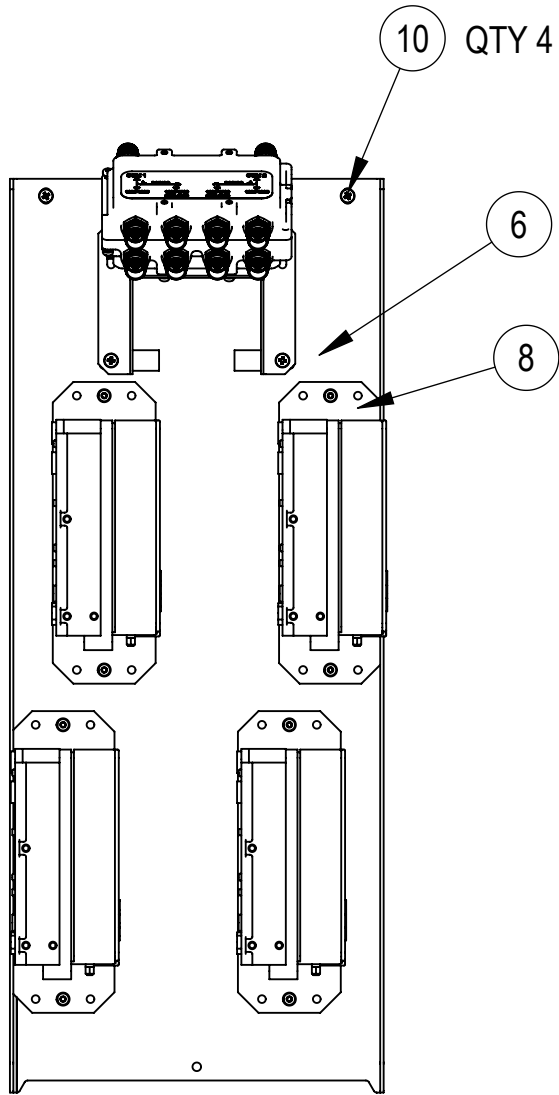
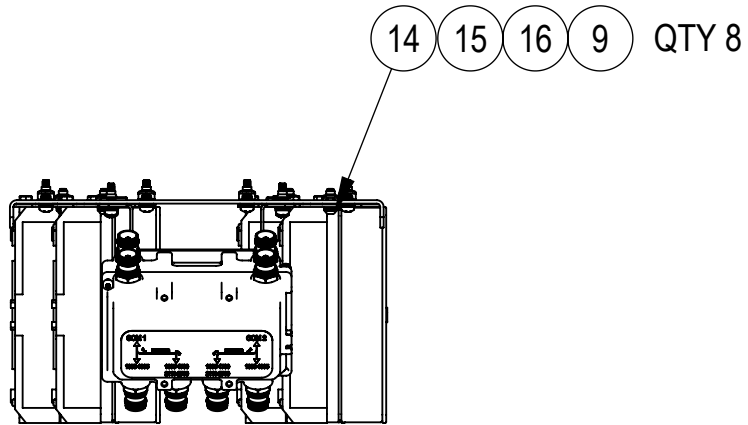
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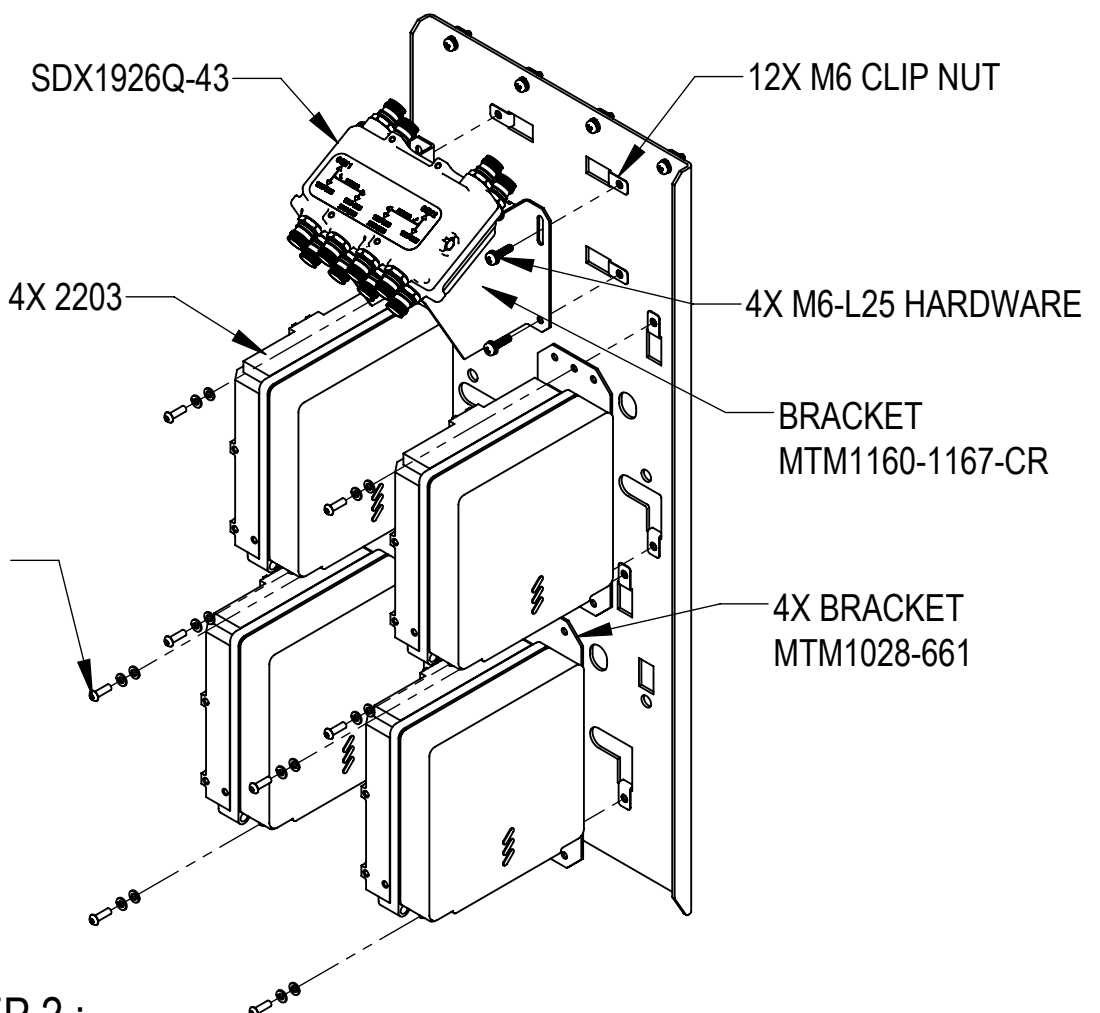
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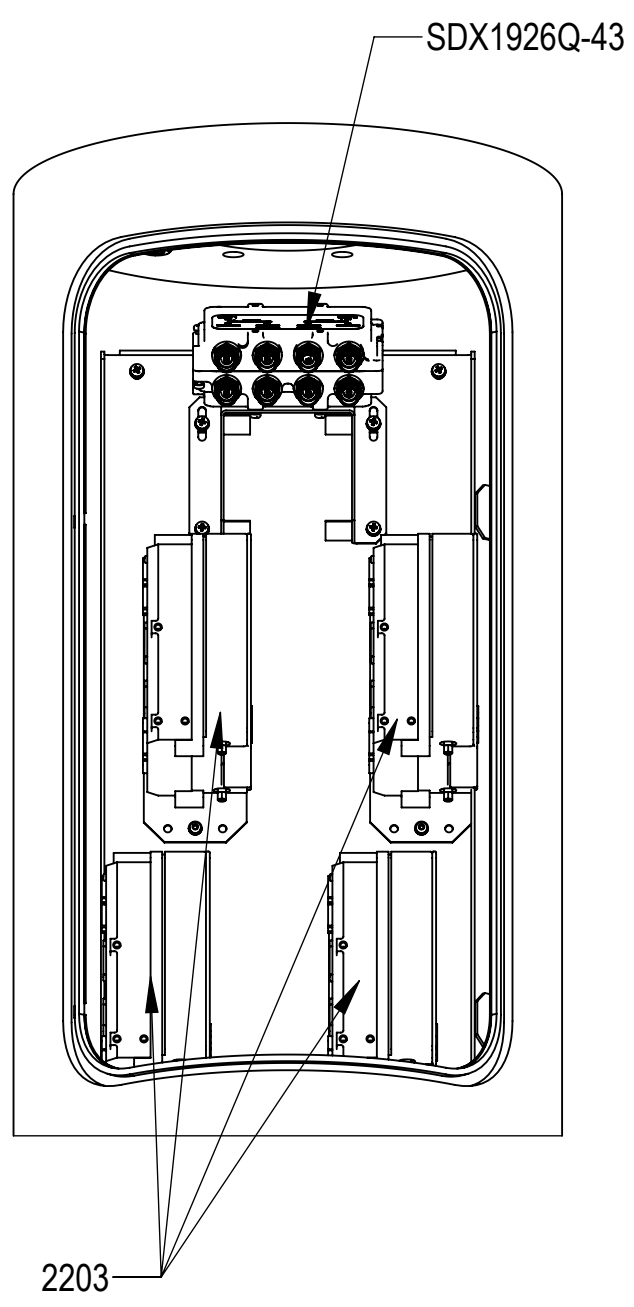
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STEP 1 :
MTM1160-1168-CR
1. INSTALL THE MOUNTING BRACKET MTM1160-1168-CR TO BRACKET OF ASSEMBLY USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS



STEP 2 :
MTM1160-1167-CR(SDX1926Q-43) + 4X MTM1028-661(2203)
1. INSTALL M6 CLIP NUTS AS SHOWN
2. INSTALL THE MOUNTING BRACKET MTM1160-1167-CR TO THE MOUNTING BRACKET MTM1160-1168-CR USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS.
3. INSTALL THE 4 MOUNTING BRACKET MTM1028-661 TO THE MOUNTING BRACKET MTM1160-1168-CR USING 8 SETS OF M6 HEX BOLTS, LOCK WASHERS AND FLAT WASHERS



BOM FOR 4X 2203 + QUAD DIPLEXER SDX1926Q-43 INSTALLATION

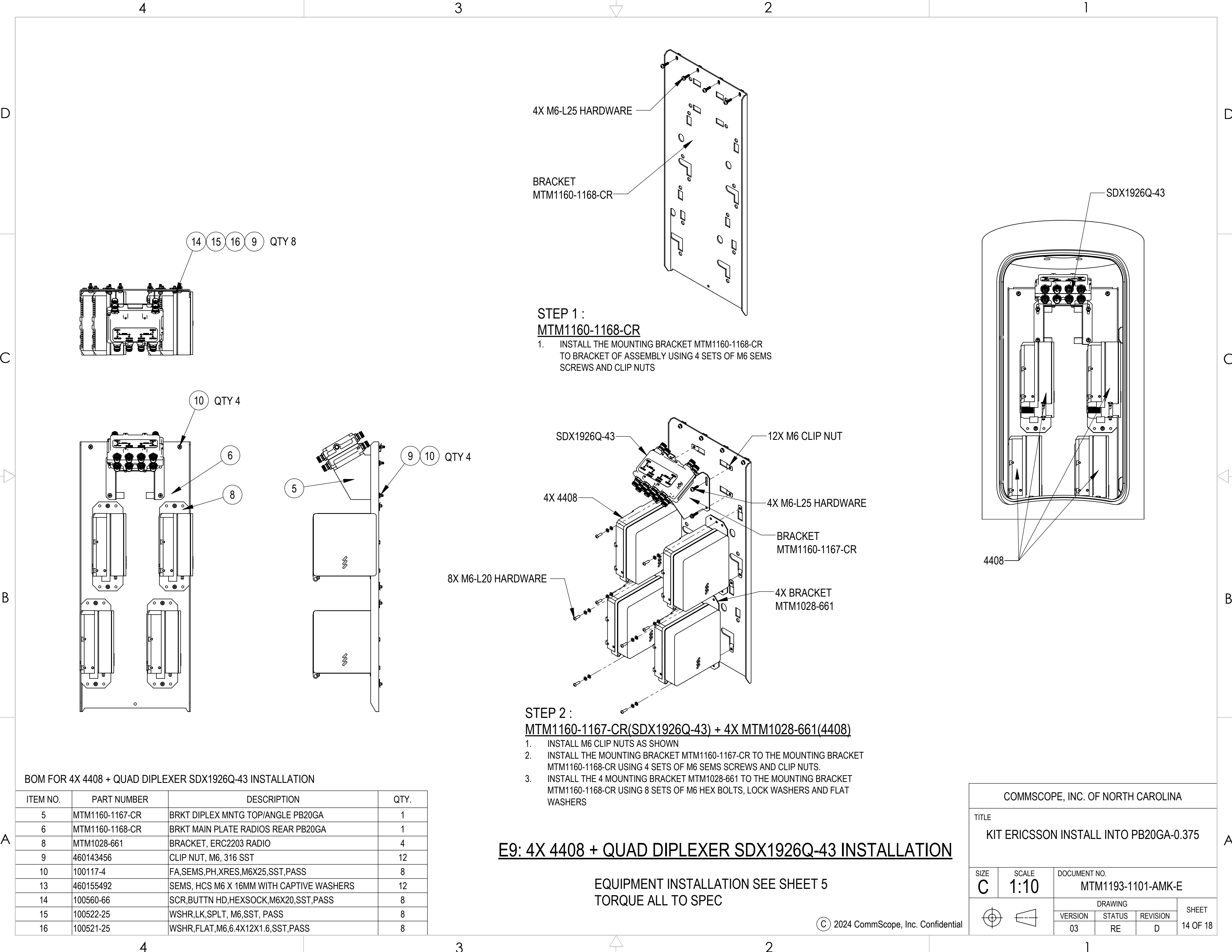
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
5	MTM1160-1167-CR	BRKT DIPLEX MNTG TOP/ANGLE PB20GA	1
6	MTM1160-1168-CR	BRKT MAIN PLATE RADIOS REAR PB20GA	1
8	MTM1028-661	BRACKET, ERC2203 RADIO	4
9	460143456	CLIP NUT, M6, 316 SST	12
10	100117-4	FA,SEMS,PH,XRES,M6X25,SST,PASS	8
13	460155492	SEMS, HCS M6 X 16MM WITH CAPTIVE WASHERS	12
14	100560-66	SCR,BUTTN HD,HEXSOCK,M6X20,SST,PASS	8
15	100522-25	WSHR,LK,SPLT, M6,SST, PASS	8
16	100521-25	WSHR,FLAT,M6,6.4X12X1.6,SST,PASS	8

E8: 4X 2203 + QUAD DIPLEXER SDX1926Q-43 INSTALLATION

EQUIPMENT INSTALLATION SEE SHEET 5
TORQUE ALL TO SPEC

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COMMScope, INC. OF NORTH CAROLINA				
TITLE KIT ERICSSON INSTALL INTO PB20GA-0.375				
SIZE C	SCALE 1:10	DOCUMENT NO. MTM1193-1101-AMK-E		
 		DRAWING		
		VERSION 03	STATUS RE	REVISION D
				SHEET 13 OF 18



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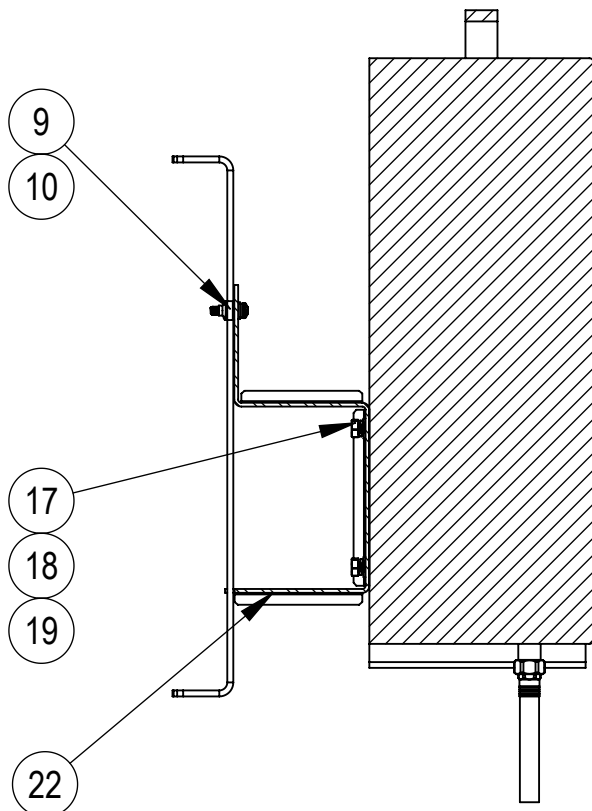
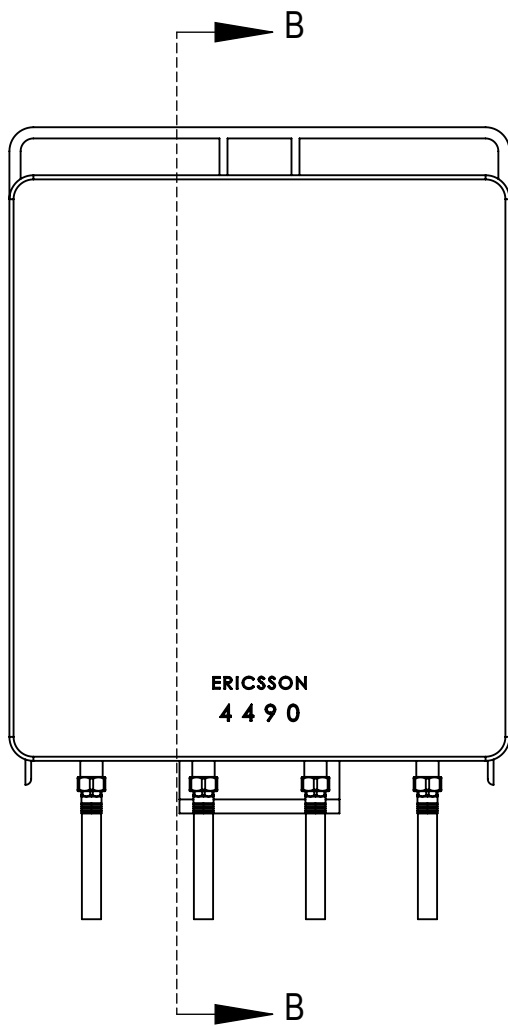
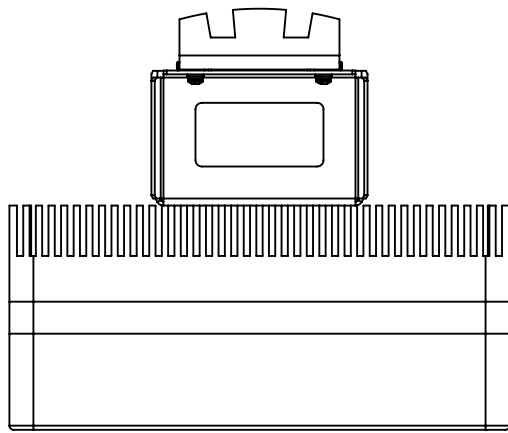
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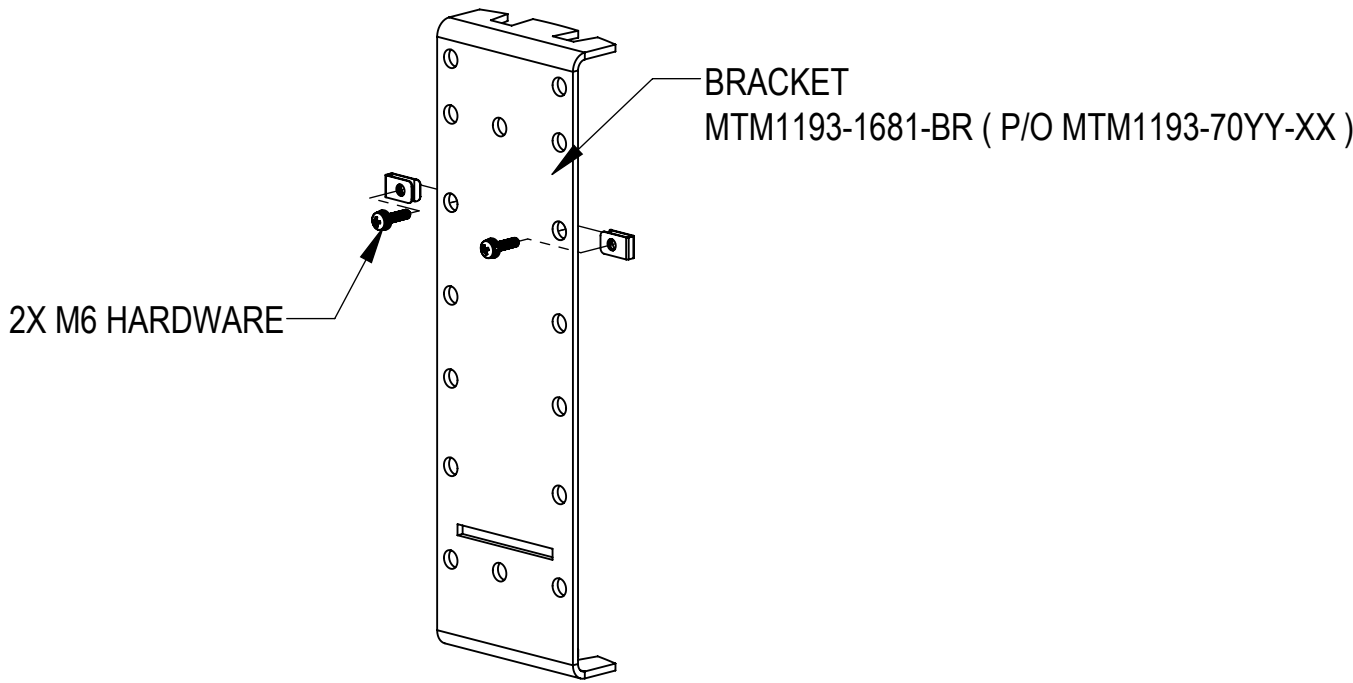
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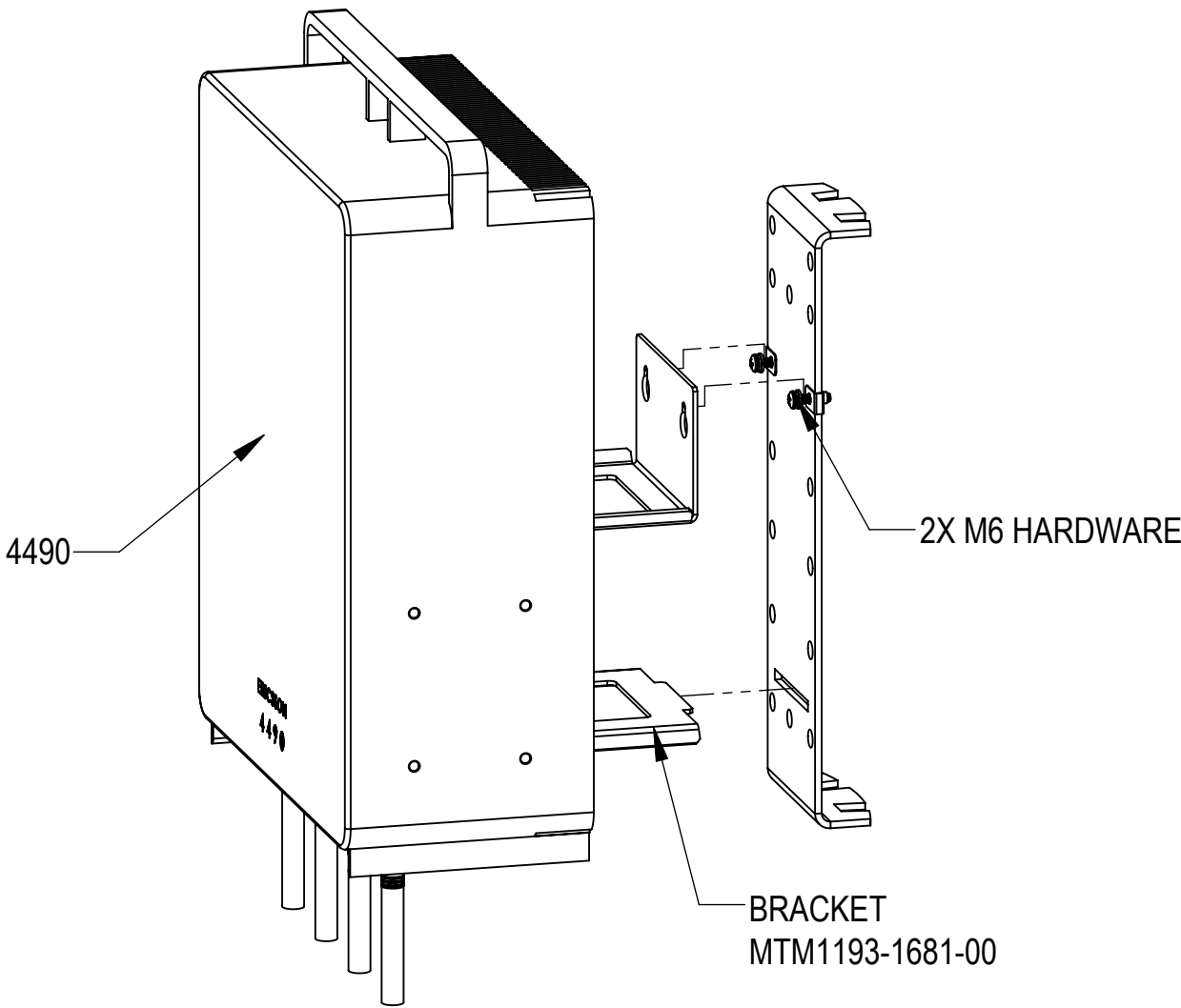
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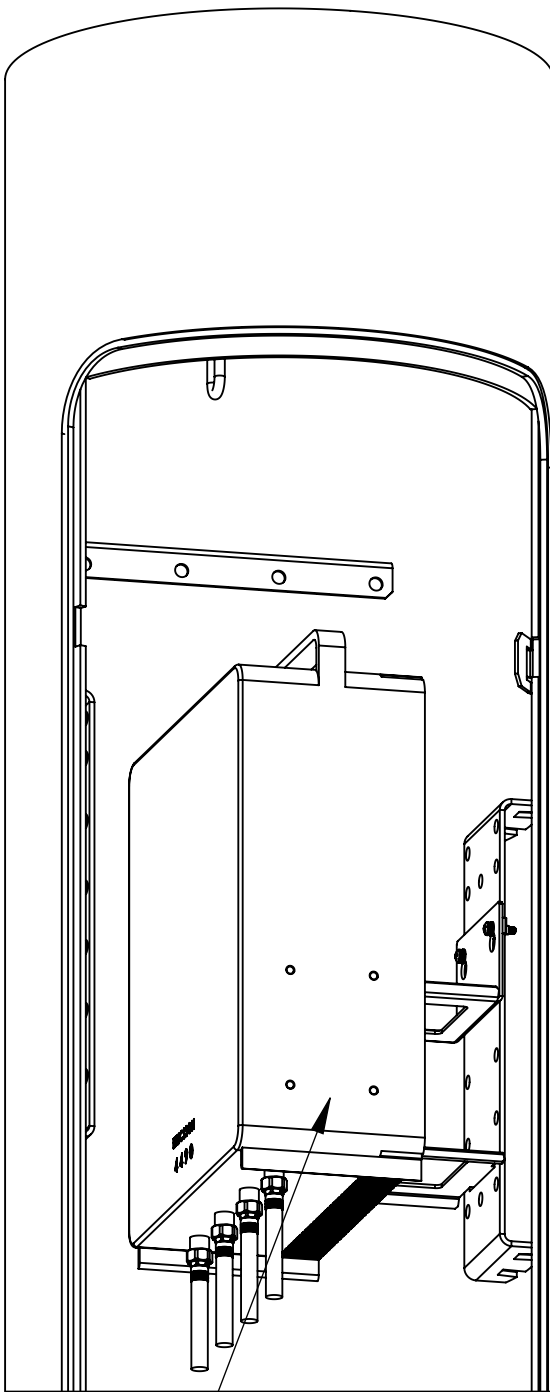
SECTION B-B
SCALE 1 : 6



STEP 1 :
MTM1193-1681-BR (IN IP20)
1. PRE-INSTALL 2 SETS OF M6 SEMS SCREWS AND CLIP NUTS TO THE BRACKET MTM1193-1681-BR OF THE IP20



STEP 2 :
MTM1193-1681-00(4490)
1. HANG THE 4490-ASSEMBLY TO THE BRACKET MTM1193-1681-BR OF THE IP20
2. FIX THE 4490-ASSEMBLY TO THE BRACKET OF THE IP20 USING 2 SETS OF M6 BOLTS AND CLIP NUTS



BOM FOR 4490 INSTALLATION

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
9	460143456	CLIP NUT, M6, 316 SST	2
10	100117-4	FA,SEMS,PH,XRES,M6X25,SST,PASS	2
17	MTC9415	M8 X 25mm HEX BOLT SS	4
18	MTC9418	M8 LOCK WASHER SS	4
19	MTC9419	M8 FLAT WASHER SS	4
22	MTM1193-1681-00	BRKT MOUNT RU4890 AND 4490	1

E10 (IP20): 4490 INSTALLATION
EQUIPMENT INSTALLATION SEE SHEET 4
TORQUE ALL TO SPEC

COMMScope, INC. OF NORTH CAROLINA				
TITLE KIT ERICSSON INSTALL INTO PB20GA-0.375				
SIZE C	SCALE 1:8	DOCUMENT NO. MTM1193-1101-AMK-E		
		DRAWING		
		VERSION 03	STATUS RE	REVISION D
				SHEET 15 OF 18

D

C

B

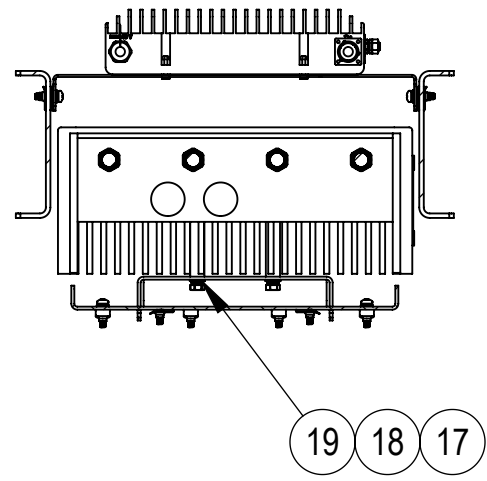
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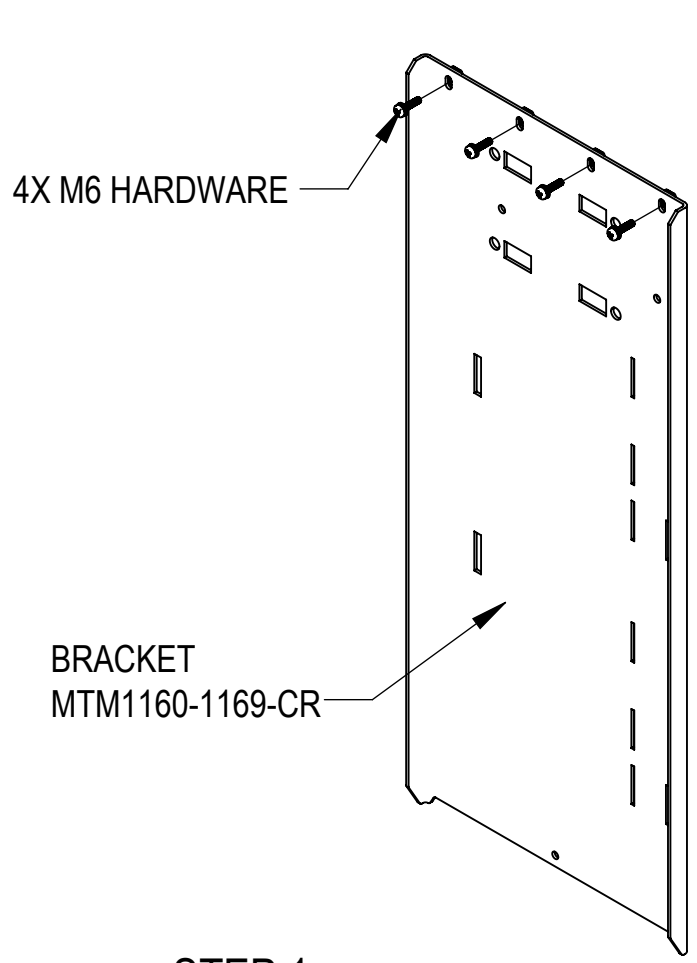
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B

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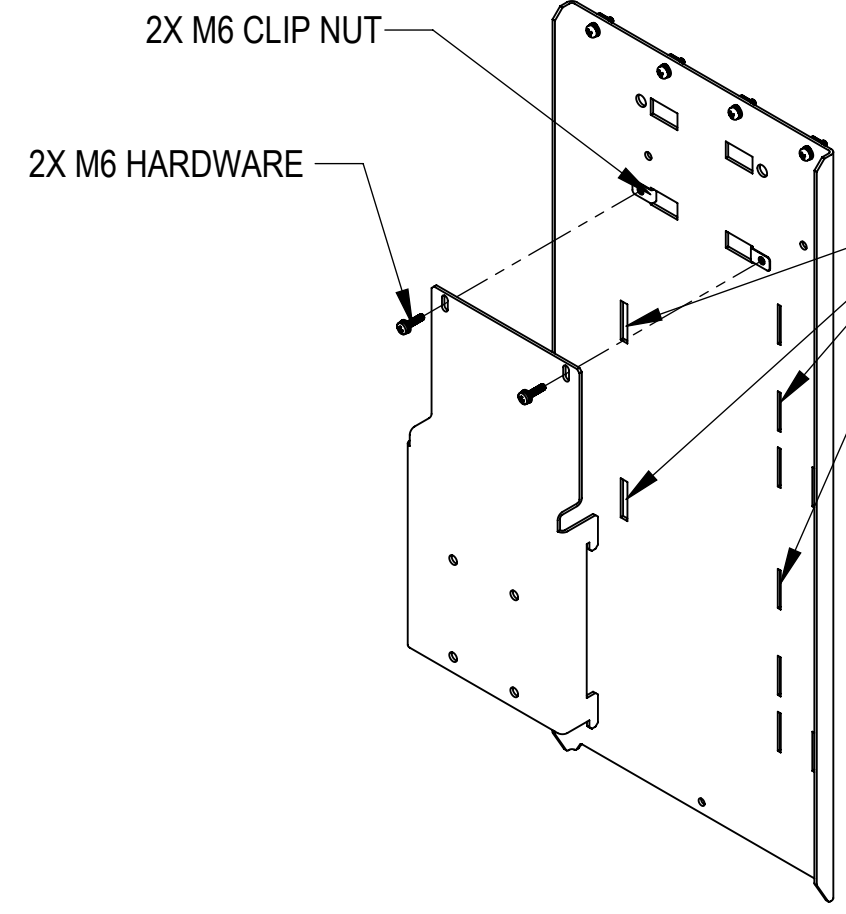
SECTION A-A
SCALE 1 : 8



BRACKET
MTM1160-1169-CR

STEP 1 :
MTM1160-1169-CR

1. INSTALL THE MOUNTING BRACKET MTM1160-1169-CR TO BRACKET OF ASSEMBLY USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS

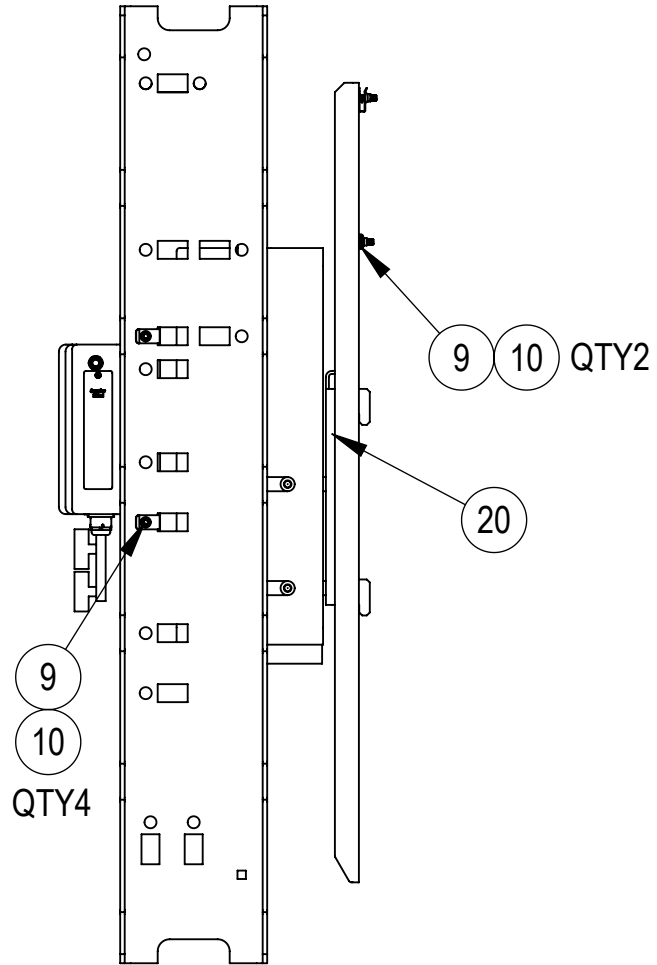
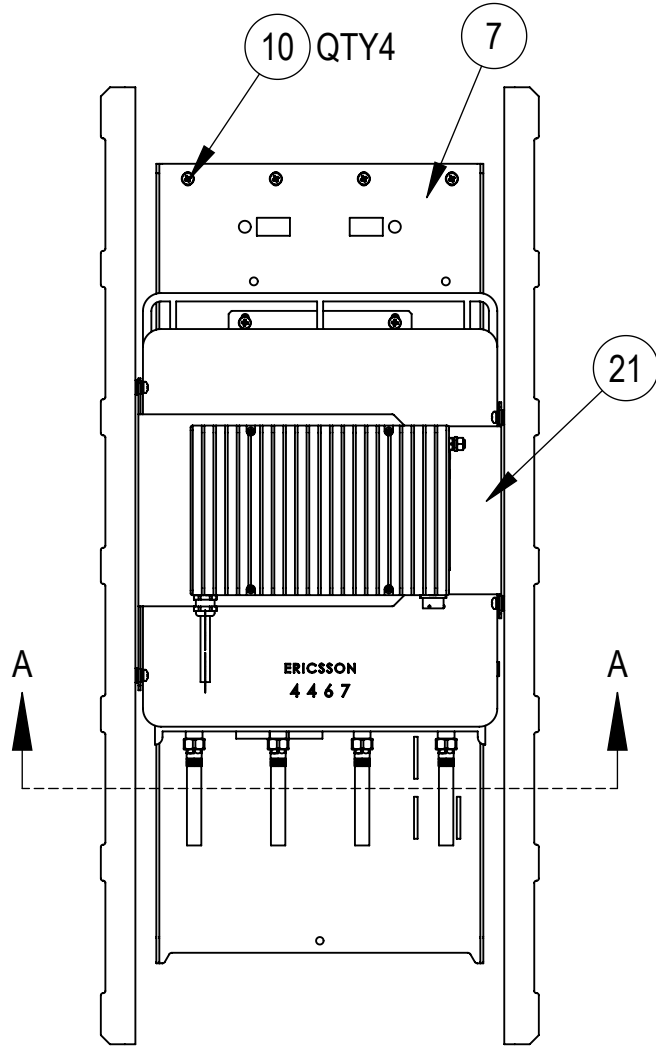


2X M6 CLIP NUT
2X M6 HARDWARE

THE INSTALLATION POSITIONS ARE THE 3RD AND 5TH HOLES FROM BRACKET THE BOTTOM AND THE 2 HOLES FROM THE THIRD COLUMN

STEP 2 :
MTM1209-1000-CR(4467 NO SHOW)

1. INSTALL M6 CLIP NUTS AS SHOWN
2. HANG THE MOUNTING BRACKET MTM1209-1000-CR TO THE 3RD AND 5TH HOLES FROM BRACKET THE BOTTOM AND THE 2 HOLES FROM THE THIRD COLUMN OF THE MOUNTING BRACKET MTM1160-1169-CR (4467 NO SHOW)
3. INSTALL THE MOUNTING BRACKET MTM1209-1000-CR TO BRACKET OF ASSEMBLY USING 2 SETS OF M6 SEMS SCREWS AND CLIP NUTS



BRACKET
MTM1160-8842
(IN D-MODULE)

4X M6 HARDWARE

AC08

BRACKET
MTM1160-8841
(IN D-MODULE)

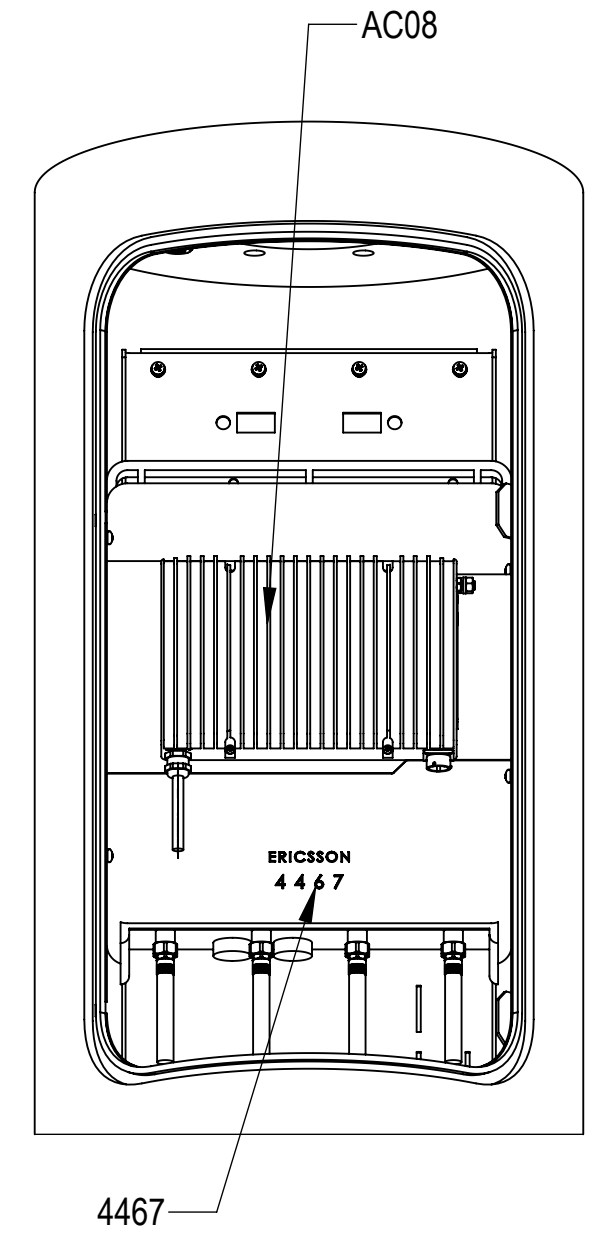
4X M6 CLIP NUT

STEP 3 :
MTM1209-2000-CR(AC08)

1. INSTALL THE MOUNTING BRACKET MTM1209-2000-CR TO BRACKET OF ASSEMBLY(D-MODULE) USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS

E11 (PB20 AND D-MODULE): 4467 + AC08 INSTALLATION

EQUIPMENT INSTALLATION SEE SHEET 5
TORQUE ALL TO SPEC

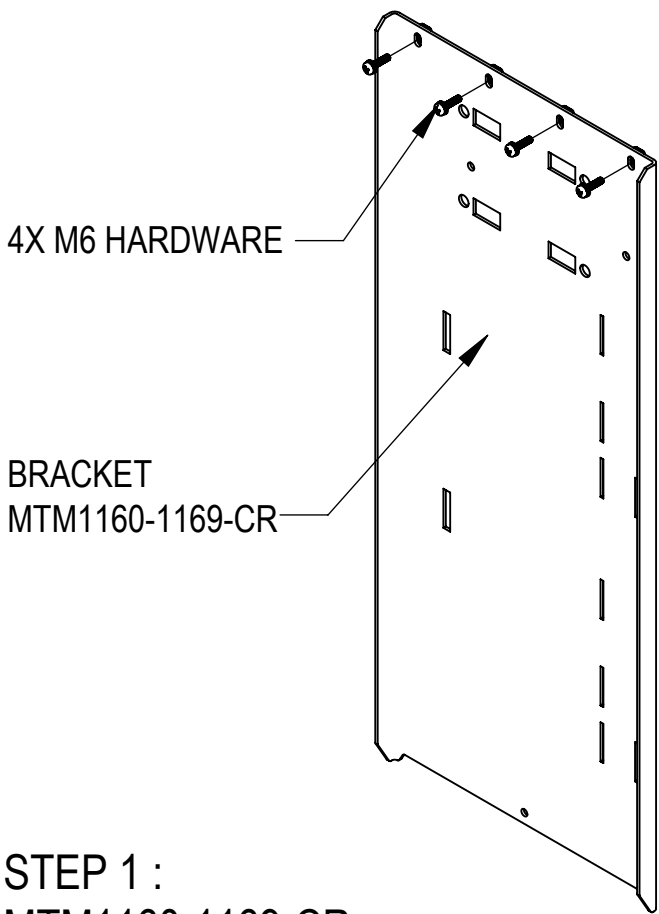
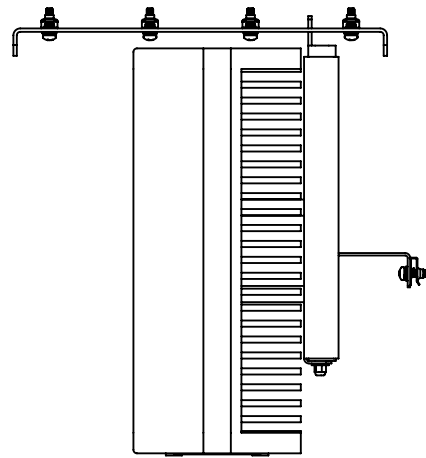


BOM FOR 4467 + AC08 INSTALLATION

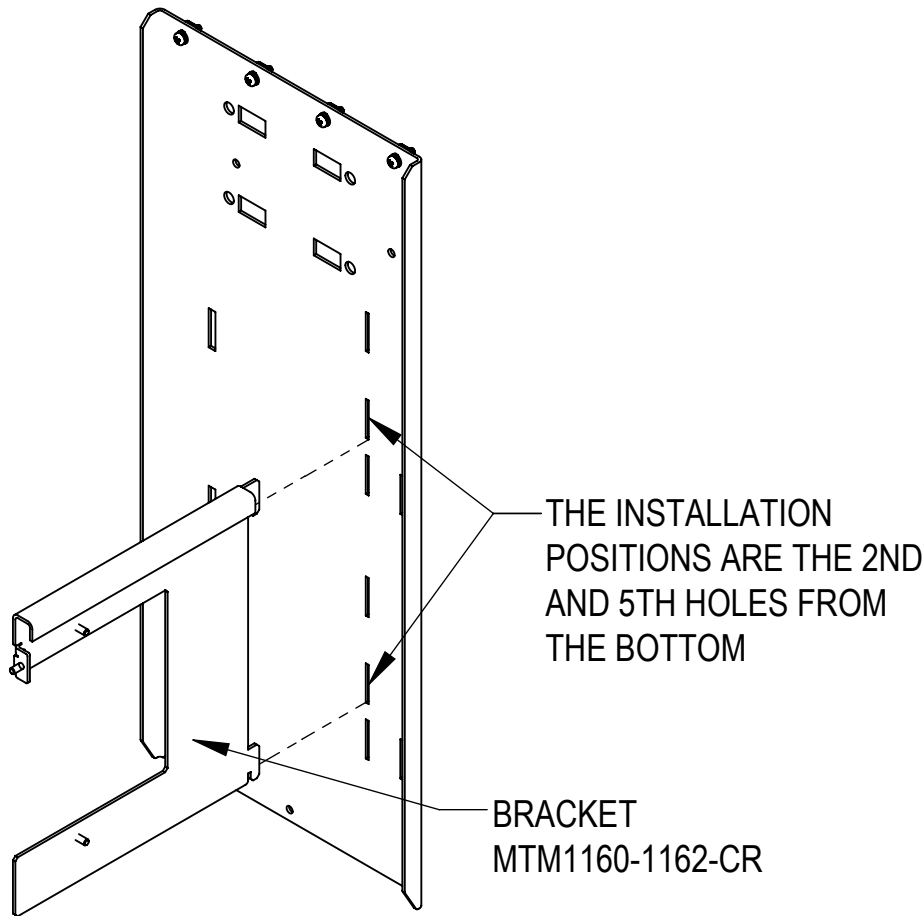
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
7	MTM1160-1169-CR	BRKT MAIN HK & HANG REAR PLT PB20GA	1
9	460143456	CLIP NUT, M6, 316 SST	6
10	100117-4	FA,SEMS,PH,XRES,M6X25,SST,PASS	10
17	MTC9415	M8 X 25mm HEX BOLT SS	4
18	MTC9418	M8 LOCK WASHER SS	4
19	MTC9419	M8 FLAT WASHER SS	4
20	MTM1209-1000-CR	BRKT MOUNT RU4467	1
21	MTM1209-2000-CR	BRKT MOUNT AC08	1

COMMScope, INC. OF NORTH CAROLINA

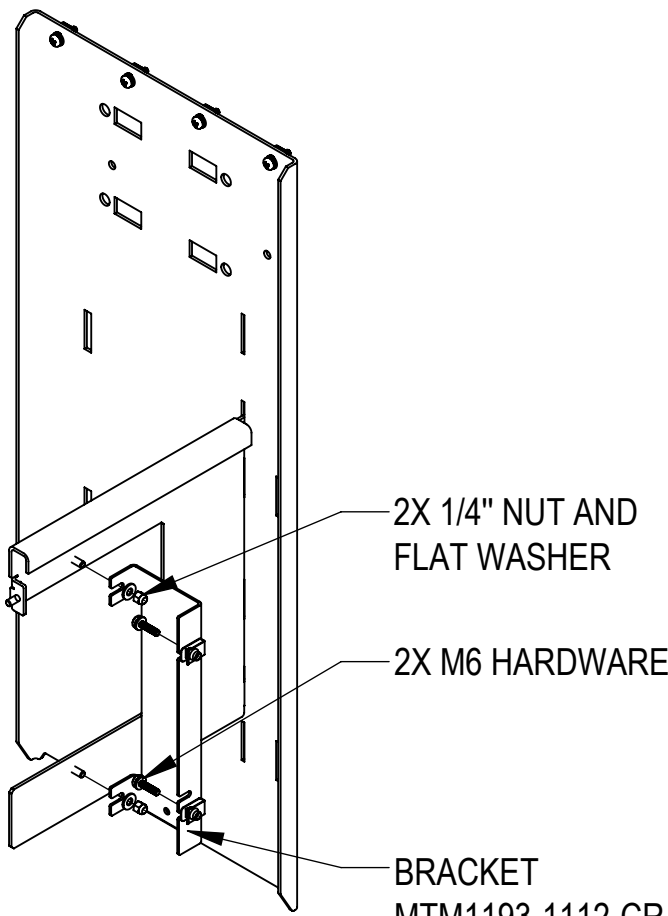
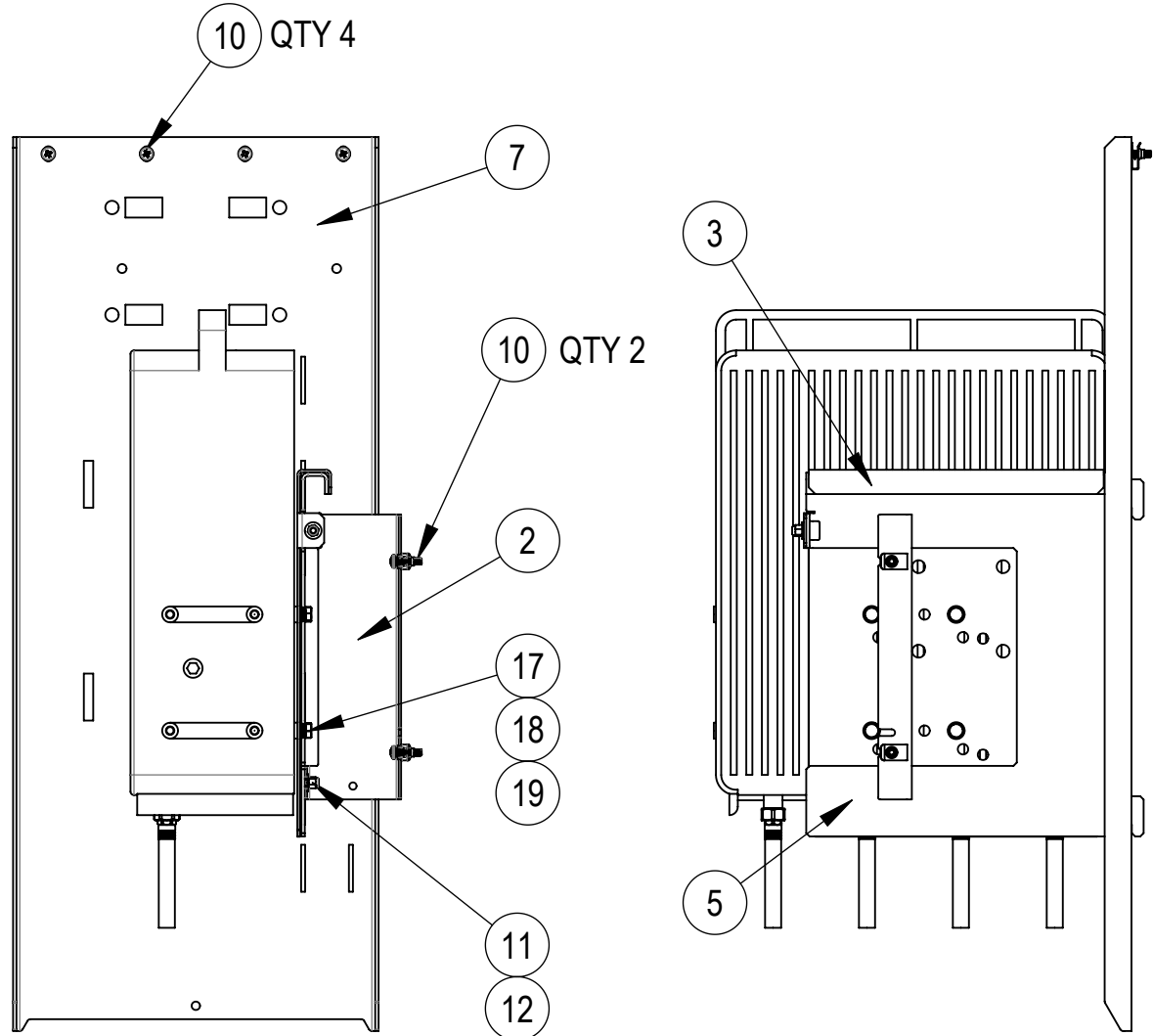
TITLE KIT ERICSSON INSTALL INTO PB20GA-0.375				
SIZE C	SCALE 1:10	DOCUMENT NO. MTM1193-1101-AMK-E		
		DRAWING		
		VERSION 03	STATUS RE	REVISION D
				SHEET 16 OF 18



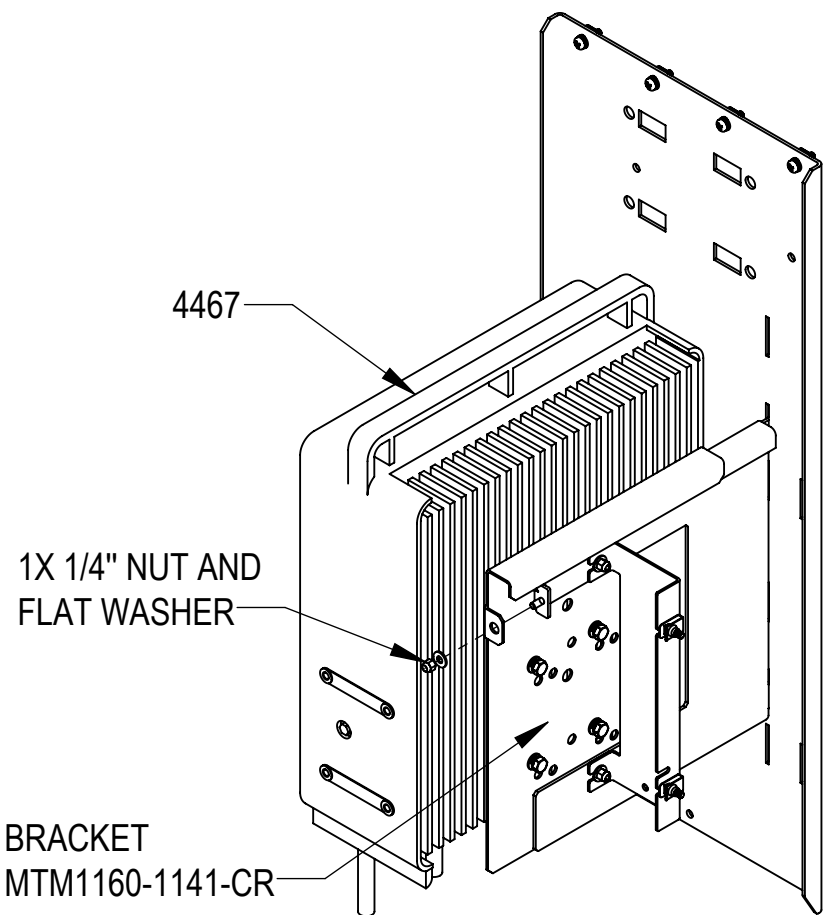
STEP 1 :
MTM1160-1169-CR
1. INSTALL THE MOUNTING BRACKET MTM1160-1169-CR TO BRACKET OF ASSEMBLY USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS



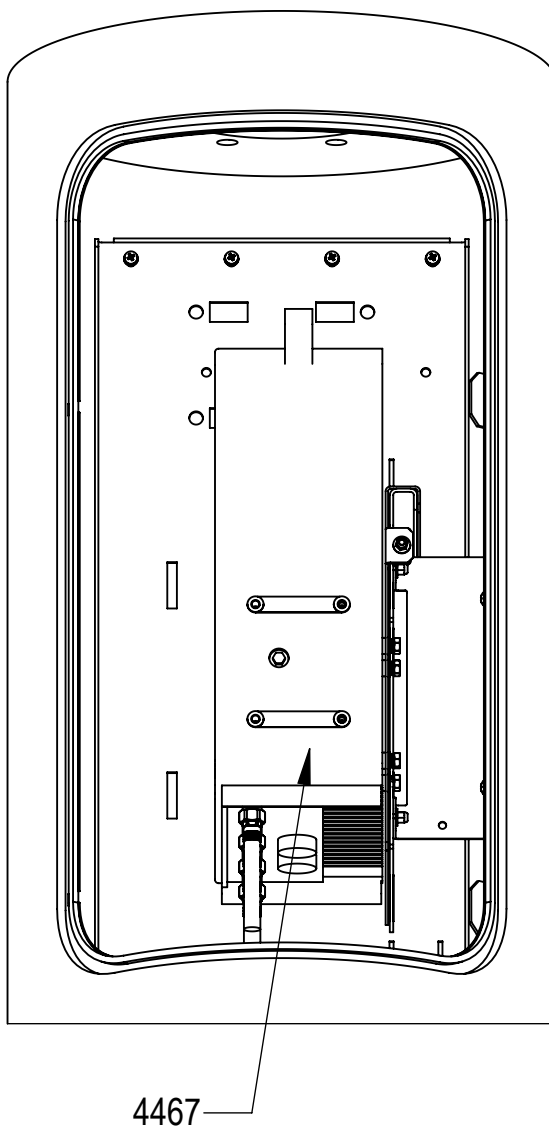
STEP 2 :
MTM1160-1162-CR
1. HANG THE MOUNTING BRACKET MTM1160-1162-CR TO THE 2ND AND 5TH HOLES FROM THE BOTTOM OF THE MOUNTING BRACKET MTM1160-1169-CR



STEP 3 :
MTM1193-1112-CR
1. INSTALL ONE SIDE OF THE MOUNTING BRACKET MTM1193-1112-CR TO BRACKET OF ASSEMBLY USING 2 SETS OF M6 SEMS SCREWS, CLIP NUTS AND THE OTHER SIDE(AVOIDED SLOT) TO THE MOUNTING BRACKET MTM1160-1162-CR USING 2 SETS OF 1/4\"/>



STEP 4 :
MTM1160-1141-CR(4490)
1. HANG THE MOUNTING BRACKET MTM1160-1141-CR TO THE MOUNTING BRACKET MTM1160-1162-CR AND LOCK THE SIDE USING 1 SET OF 1/4\"/>



BOM FOR 4467 INSTALLATION

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
2	MTM1193-1112-CR	BRKT LG SPRT 4 HOOK & HANG PB20GA-0.375	1
3	MTM1160-1141-CR	BRKT SLIDE HANGER ERCISON PB20GA	1
5	MTM1160-1162-CR	BRACKET, HANGING RAIL MOVEABLE PB20GA	1
7	MTM1160-1169-CR	BRKT MAIN HK & HANG REAR PLT PB20GA	1
9	460143456	CLIP NUT, M6, 316 SST	2
10	100117-4	FA,SEMS,PH,XRES,M6X25,SST,PASS	6
11	SNYL02	1/4" SS NYLOCK HEX NUT	3
12	SWF-02	FLAT WASHER, 1/4" SS	3
17	MTC9415	M8 X 25mm HEX BOLT SS	4
18	MTC9418	M8 LOCK WASHER SS	4
19	MTC9419	M8 FLAT WASHER SS	4

E11 (IP20): 4467 INSTALLATION
EQUIPMENT INSTALLATION SEE SHEET 4
TORQUE ALL TO SPEC

COMMScope, INC. OF NORTH CAROLINA				
TITLE KIT ERICSSON INSTALL INTO PB20GA-0.375				
SIZE C	SCALE 1:10	DOCUMENT NO. MTM1193-1101-AMK-E		
		DRAWING		
		VERSION 03	STATUS RE	REVISION D
				SHEET 17 OF 18

D

D

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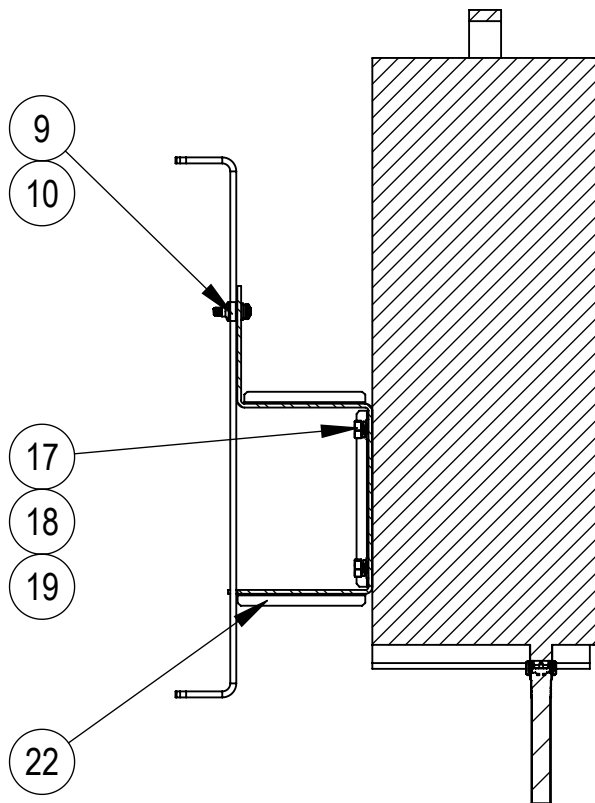
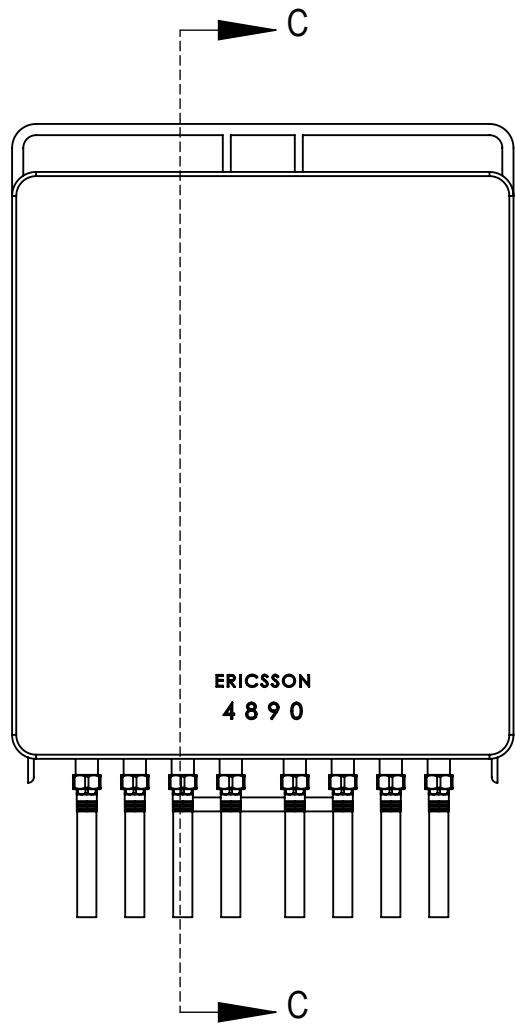
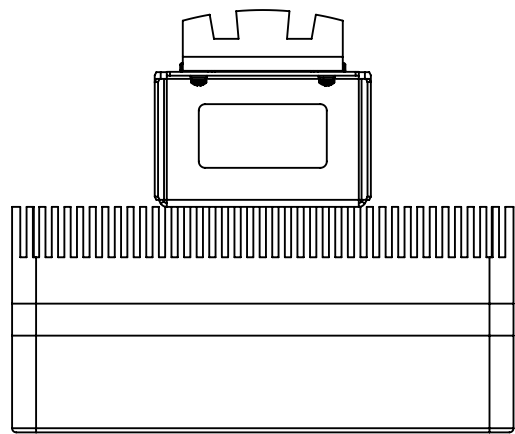
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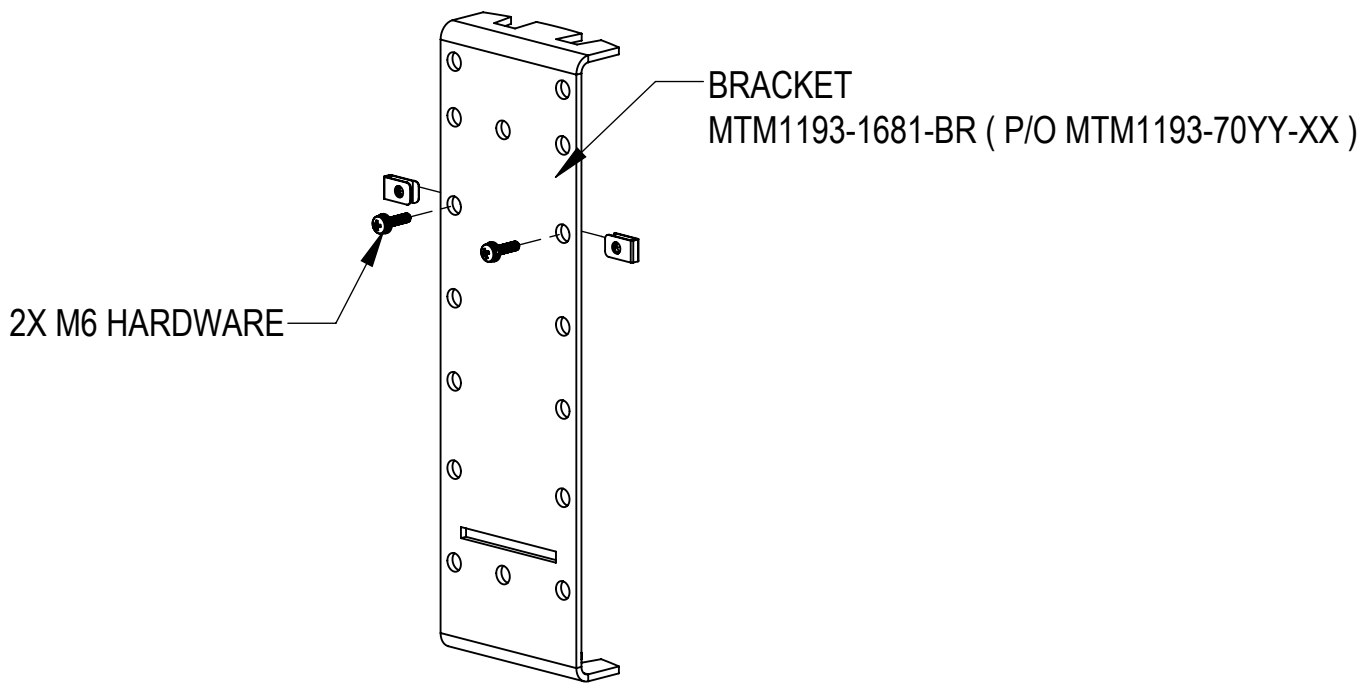
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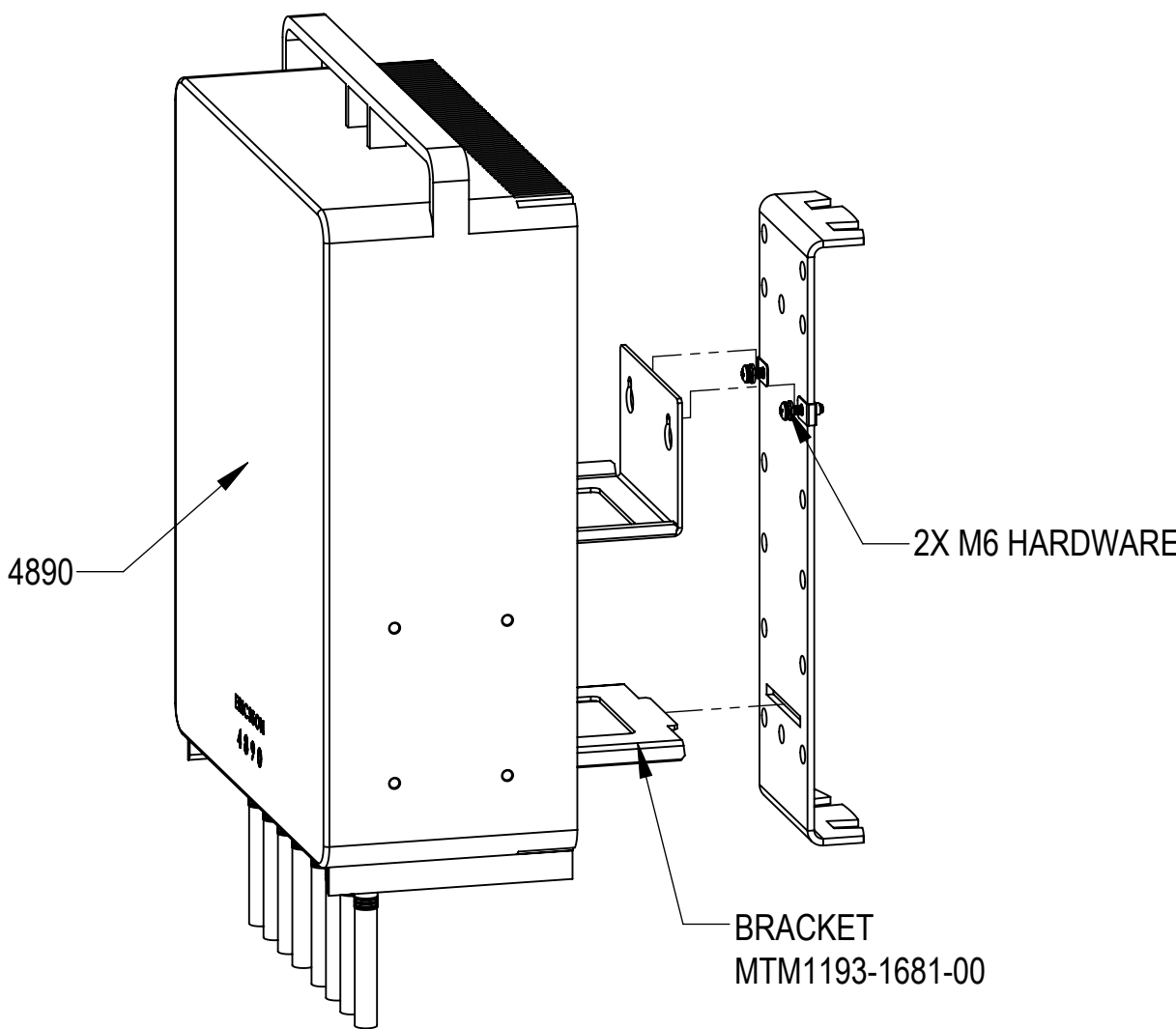
SECTION C-C
SCALE 1 : 6



STEP 1 :

MTM1193-1681-BR (IN IP20)

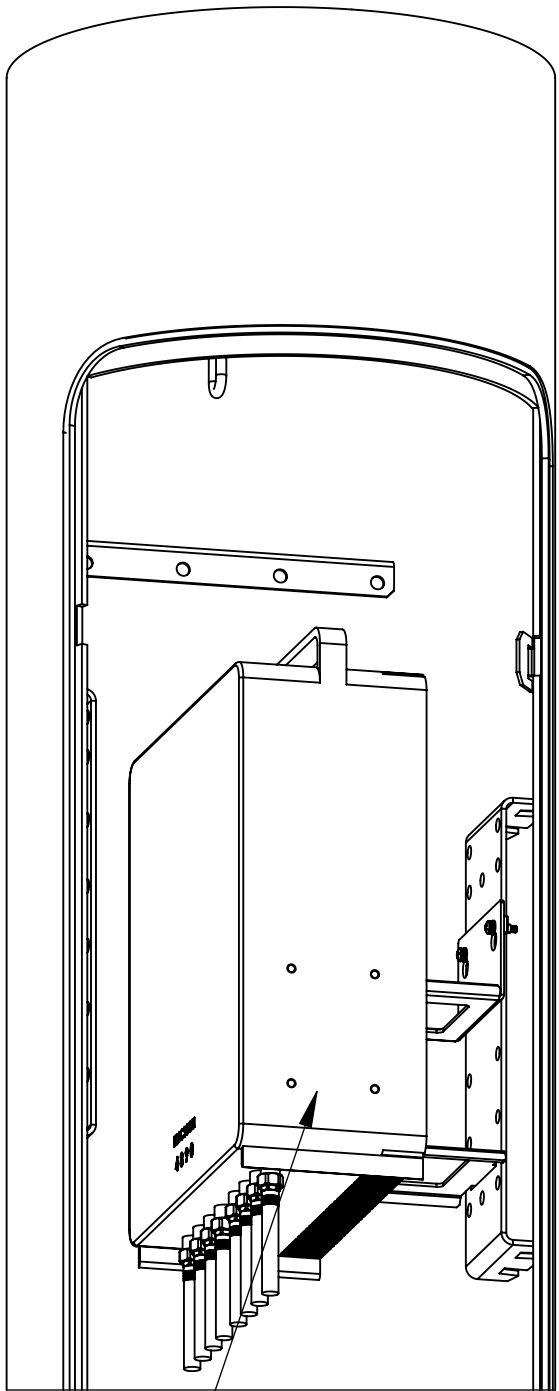
1. PRE-INSTALL 2 SETS OF M6 SEMS SCREWS AND CLIP NUTS TO THE BRACKET MTM1193-1681-BR OF THE IP20



STEP 2 :

MTM1193-1681-00(4890)

1. HANG THE 4890-ASSEMBLY TO THE BRACKET MTM1193-1681-BR OF THE IP20
2. FIX THE 4890-ASSEMBLY TO THE BRACKET OF THE IP20 USING 2 SETS OF M6 BOLTS AND CLIP NUTS



BOM FOR 4490 INSTALLATION

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
9	460143456	CLIP NUT, M6, 316 SST	2
10	100117-4	FA,SEMS,PH,XRES,M6X25,SST,PASS	2
17	MTC9415	M8 X 25mm HEX BOLT SS	4
18	MTC9418	M8 LOCK WASHER SS	4
19	MTC9419	M8 FLAT WASHER SS	4
22	MTM1193-1681-00	BRKT MOUNT RU4890 AND 4490	1

E12 (IP20): 4890 INSTALLATION

EQUIPMENT INSTALLATION SEE SHEET 4
TORQUE ALL TO SPEC

COMMScope, INC. OF NORTH CAROLINA				
TITLE KIT ERICSSON INSTALL INTO PB20GA-0.375				
SIZE C	SCALE 1:10	DOCUMENT NO. MTM1193-1101-AMK-E		
		DRAWING		
		VERSION 03	STATUS RE	REVISION D
				SHEET 18 OF 18