1.0 GENERAL
- 1.1 ALL METRIC DIMENSIONS ARE IN BRACKETS
- 1.2 FOR PATENT INFO :https://www.cs-pat.com

2.0 DESIGN NOTES

3.0 MANUFACTURING/SPECIAL REQUIREMENTS
- 3.1 TORQUE 1/4" HARDWARE 7 FT-LBS
  TORQUE 3/8" HARDWARE 25 FT-LBS
- 3.2 FINISH: POWDER COAT SURFACE PER COMMSCOPE'S PRODUCT COLOR/FINISH SPECIFICATION MTM1004 PER SUFFIX -XX.

4.0 TEST

5.0 PACKAGING
- 5.1 PACKAGE SHALL MEET COMMSCOPE REQUIREMENTS DOCUMENT IS-PL-3005
- 5.2 PRINTED DOCUMENT TO BE PLACED IN A BAG AND THEN PLACED INSIDE SHIPPING BOX.
- 5.3 EXTRA HARDWARE MAY BE SUPPLIED, BAGGED AND SHIPPED.

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	RJC 01OCT20	BCROSS 8000041286
B	ADDED STAR WASHERS FOR GND & UPDATED PACKAGING NOTE	RJC 16NOV20	BCROSS 8000043553
C	ADDED INSTRUCTION DWG "SCSTSU-ASM-INSTR" TO SAP BOM	RJC 19JAN2021	BCROSS 8000044717
D	UPDATE THE MTC4091-0043-BR AND MTC4091-0025-BR COMPONENTS TO THE LATEST VERSION	PX1012 20AUG2021	BCROSS 13565PC
E	UPDATE D-VERSION DRAWING: SWF-02 (ITEM 20) QTY 50 WAS 56 PER REV C	ZL1057 23AUG2024	BCROSS 40203153CMO

PARALLEL ANTENNAT MOUNTING

DIRECTIONAL ANTENNAT MOUNTING

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 NO.
1	MTC4091-0018-XX	BRACKET, SHORT PARALLEL ANTENNA	2	
2	MTC4091-0019-XX	BRACKET, TALL PARALLEL ANTENNA	1	
3	MTC4091-0022-XX	CLAMP, STRAND MOUNT CABLE	2	
4	MTC4091-0023-XX	PLATE, EXTENSION	4	
5	MTC4091-0024-XX	BRACKET, STRAND MOUNTING	4	
6	MTC4091-0025-XX	BRACKET, LOWER MOUNTING	4	
7	MTC4091-0032-XX	PLATE, ROTATION ANTENNA	1	
8	MTC4091-0033-XX	BRACKET, ROTATING ANTENNA MOUNTING	1	
9	MTC4091-0034-XX	BRACKET, ROTATING ANTENNA ANGLE	2	
10	MTC4091-0041-XX	PLATE, RADIO MOUNTING	2	
11	MTC4091-0042-XX	CLAMP, RADIO MOUNTING	4	
12	MTC4091-0043-XX	BRACKET, POD-8 TOP MOUNTING	1	
13	MTC4091-0044-XX	BRACKET, UPPER RADIO MOUNTING	6	
14	MTC4091-0047-XX	BRACKET, STRAND BOTTOM SUPPORT	4	
15	MTC4091-1001	SPACER, .250 UNTHREADED X .50 LG	3	
16	SB-0314FT	BOLT, 3/8 X 1-1/2", SS FULL THREAD	4	
17	SWL-03	3/8" SS LOCK WASHER	4	
18	SN-03	3/8" SS HEX NUT	4	
19	SB-0210	1/4" X 1" SS BOLT	31	
20	SWF-02	FLAT WASHER, 1/4" SS	50	
21	SWL-02	LOCK WASHER, 1/4" SS (EA)	40	
22	SN-02	1/4" SS HEX NUT	42	
23	9963-120	SCR,HEX CAP,1/4-20,1.5,SST,PASS	5	
24	100912-4	WSHR,LCK,EX TOOTH,M6,SST,PASS	6	
25	MTC935003	1/4" X 12" SS THREADED ROD	2	

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DENSITY		lbs/in³
MASS	16.23	lbs
VOLUME	152.37	in³
SURFACE AREA	2107.69	in²
HEIGHT	17.352	
LENGTH	30.863	
WIDTH	16.651	

COMMSCOPE, INC. OF NORTH CAROLINA

TOLERANCES
0 PLACE X ± .25 | 2 PLACE .XX ± 0.06
1 PLACE .X ± 0.12 | ANGLES ± 2°

SAP MATERIAL MASTER: SCSTSU-301-S

FINISH: SEE NOTES

MATERIAL: ALUMINUM PLATE

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES INTERPRET PER ANSI Y 14.5M-1994

	NAME	DATE
CE	RJC	06/09/20
RW	ZL1057	08/25/2024
RV		
AD	DM1121	08/26/2024
RE	DM1121	08/26/2024

ECN 40203153CMO

TITLE: SMALL CELL STRAND MT; 5G SGL SCTR 18" LG

SCALE 1:3

DOCUMENT NO. SCSTSU-301-S

SIZE C | WORK AREA INSL

MODEL VERSION	MODEL STATUS	MODEL REVISION	DRAWING VERSION	DRAWING STATUS	DRAWING REVISION
02	RE	C	09	RE	E

SHEET 1 OF 7

NOTES:

DETAIL E
SCALE 2 : 1

SECTION B-B

CONFIGURATION FOR MOUNTING NOKIA AWHHF RADIO

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COMMSCOPE, INC. OF NORTH CAROLINA			
TITLE SMALL CELL STRAND MT; 5G SGL SCTR 18" LG			
SIZE C	SCALE 1:3	DOCUMENT NO. SCSTSU-301-S	
		DRAWING VERSION 09 / STATUS RE / REVISION E	SHEET 2 OF 7

NOTES:

CONFIGURATION FOR MOUNTING NOKIA 5W AIRSCALE RADIOS

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COMMSCOPE, INC. OF NORTH CAROLINA			
TITLE SMALL CELL STRAND MT; 5G SGL SCTR 18" LG			
SIZE C	SCALE 1:3	DOCUMENT NO. SCSTSU-301-S	
		DRAWING VERSION 09 / STATUS RE / REVISION E	SHEET 3 OF 7

NOTES:

SECTION C-C

SECTION D-D

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COMMSCOPE, INC. OF NORTH CAROLINA			
TITLE SMALL CELL STRAND MT; 5G SGL SCTR 18" LG			
SIZE C	SCALE 1:3	DOCUMENT NO. SCSTSU-301-S	
		DRAWING VERSION 09 / STATUS RE / REVISION E	SHEET 4 OF 7

NOTES:

TOP VIEW

CONFIGURATION FOR MOUNTING NOKIA 5W AIRSCALE RADIO DIRECTIONAL ANTENNA MOUNTING

COMMSCOPE, INC. OF NORTH CAROLINA

TITLE

SMALL CELL STRAND MT; 5G SGL SCTR 18" LG

SIZE	SCALE	DOCUMENT NO.			
C	1:3	SCSTSU-301-S			
		DRAWING			SHEET
		VERSION	STATUS	REVISION	
		09	RE	E	5 OF 7

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NOTES:

CONFIGURATION FOR MOUNTING ERICSSON RADIOS

COMMSCOPE, INC. OF NORTH CAROLINA

TITLE

SMALL CELL STRAND MT; 5G SGL SCTR 18" LG

SIZE	SCALE	DOCUMENT NO.			
C	1:3	SCSTSU-301-S			
		DRAWING			SHEET
		VERSION	STATUS	REVISION	
		09	RE	E	6 OF 7

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NOTES:

TOP VIEW

CONFIGURATION FOR MOUNTING ERICSSON RADIOS DIRECTIONAL ANTENNA MOUNTING

COMMSCOPE, INC. OF NORTH CAROLINA

TITLE

SMALL CELL STRAND MT; 5G SGL SCTR 18" LG

SIZE	SCALE	DOCUMENT NO.			
C	1:3	SCSTSU-301-S			
		DRAWING			SHEET
		VERSION	STATUS	REVISION	
		09	RE	E	7 OF 7

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