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CAD GENERATED DOCUMENT
 ANY CHANGES TO THIS DOCUMENT
 MUST BE SUBMITTED TO THE
 DESIGN/DRAFTING DEPARTMENT
 FOR PROPER UPDATE

DWG. NO.	SHEET	REV.
500-92094	1	C

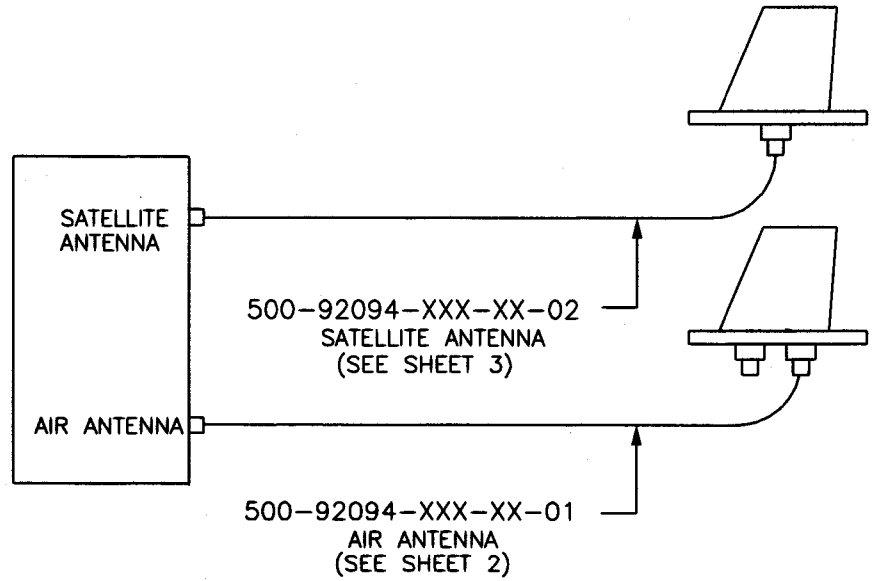
REVISIONS						
EDN	SHEET	ZONE	REV.	BRF DESCRIPTION (SEE SCH FOR COMPLETE CHANGE DETAILS)	DATE	APPROVED
17457	-	-	N/C	NEW RELEASE	5/8/03	D KNOLL
17906	2	A4	A	CORRECTED 310801 # FROM 7 TO 9	7/16/03	D KNOLL
25849	2	A4	B	CHG TABLE 1, ITEM 9 P/N WAS 311801	7/10/06	DEK
27722	3	ALL	C	ADDED 310701 CABLE & CONN'S TO SHEET 3	2/5/07	DEK

NOTES: UNLESS OTHERWISE SPECIFIED

- 1. LABEL CABLES AND INSTALL BLACK ADHESIVE SHRINK TUBING ON CONNECTORS PER ECS WORK INSTRUCTION W1007.
- 2. MARK OUTSIDE OF BOX WITH CONTENTS DESCRIPTION, P.O. # AND SERIAL # PER EXAMPLES:
 AIR ANTENNA RF COAX CABLE
 P/N 500-92094-XXX-XX-01
 P.O. # XXXXX
 SER # EXXXX

 SATELLITE ANTENNA RF COAX CABLE
 P/N 500-92094-XXX-XX-02
 P.O. # XXXXX
 SER # EXXXX
- 3. COAXIAL CABLE ASSEMBLY LENGTH TOLERANCE, UNLESS OTHERWISE NOTED:

LENGTH	≤ 12	>12≤120	> 120
TOL	+0.5/-0.0	+3.5/-0.0	+5.5/-0.0
- 4. INCLUDE APPROPRIATE TEST DOCUMENTATION WITH EACH SET.
- 5. TEST TO BE PERFORMED PER M1305 AND THE FOLLOWING:
 TEST SATELLITE CABLE (-01) AT 900 MHz.
 ATTENUATION: ≤ 1.5 dB FOR EACH CABLE.
 VSWR: ≤ 1.4:1 FOR EACH CABLE.
- 6. TEST TO BE PERFORMED PER M1305 AND THE FOLLOWING:
 TEST SATELLITE CABLE (-02) AT 1600 MHz.
 ATTENUATION: ≤ 3.0 dB FOR EACH CABLE.
 VSWR: ≤ 1.4:1 FOR EACH CABLE.



ALL LENGTHS IN INCHES		ECS ELECTRONIC CABLE SPECIALISTS <small>PROVIDENCE, RI 02912 PHONE: (414) 421-8300</small>	
APPROVALS	DATE	TITLE	
DESIGNED BY: C. CHAPMAN	05/07/03	AIRCELL AIR/SATELLITE RF COAX CABLES	
CHECKED BY: DAVID E. KNOLL	05/08/03	SIZE	DWG NO.
DRAWN BY:		C 66197	500-92094
DATE MADE: DAVID E. KNOLL	05/08/03	SCALE:	EFFECTIVITY:
			SHEET 1 OF 3



P/N 500-92094-XXX-XX-01 (ALL LENGTHS IN INCHES)

ASSEMBLY LENGTH

CABLE TYPE # FROM TABLE 1

CABLE ASSEMBLY CONFIGURATION
(A, B, C)

01 (AIR ANTENNA)

EXAMPLE : 500-92094-168-6A-01 = 168" ASSEMBLY OF
311601 WITH A CTS922 & CTR922 CONNECTOR ON EACH END
USED FOR AIR ANTENNA CABLE.

CABLE ASSEMBLY CONFIGURATIONS

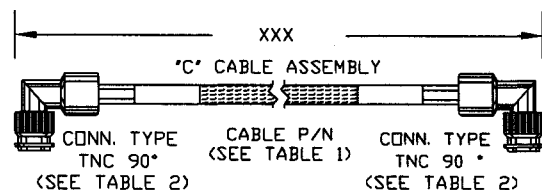
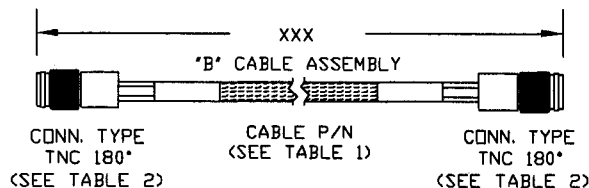
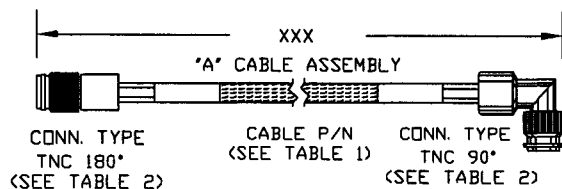


TABLE 1 (ECS COAX CABLE)

9	310801	480 INCHES
8	311201	318 INCHES
7	311501	240 INCHES
6	311601	200 INCHES
5	352001	144 INCHES
4	311901	144 INCHES
3	432101	120 INCHES
2	3C142B	120 INCHES
1	3C058A	85 INCHES
#	ECS P/N	MAXIMUM LENGTH

CABLE LABELING

500-92094-XXX-XX-01
SER# EXXXX
AIR ANTENNA

TABLE 2 (ECS COAX CONNECTORS)

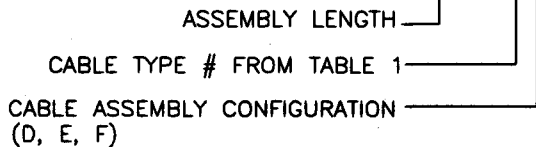
12	CTS022	CONN.,TNC, 180 DEG. FOR 310801	
11	CTR022	CONN.,TNC, 90 DEG. FOR 310801	
10	CTS122	CONN.,TNC, 180 DEG. FOR 311201	
9	CTR122	CONN.,TNC, 90 DEG. FOR 311201	
8	CTS922	CONN.,TNC, 180 DEG. FOR 311601,311501	
7	CTR922	CONN.,TNC, 90 DEG. FOR 311601,311501	
6	CTS3522	CONN.,TNC, 180 DEG. FOR 352001	
5	CTR3522	CONN.,TNC, 90 DEG. FOR 352001	
4	CTS522	CONN.,TNC, 180 DEG. FOR 432101	
3	CTR522	CONN.,TNC, 90 DEG. FOR 432101	
2	CTS722	CONN.,TNC, 180 DEG. FOR 3C142B,311901,3C058A	M39012/26-0503,225555-6,31-4452,KA-59-292
1	CTR722	CONN.,TNC, 90 DEG. FOR 3C142B,311901,3C058A	M39012/30-0503,225554-6,31-4474,KA-59-273,KA-59-236
#	ECS P/N	DESCRIPTION	

NOTES: SEE SHEET 1

ELECTRONIC CABLE SPECIALISTS FRANKLIN, NH 03132 PHONE: (614) 421-8300			
SIZE	CODE	LEVEL	DWG. NO.
C	66197		500-92094
SCALE:	EFFECTIVITY:	SHEET: 2 OF 3	

△ 4 P/N 500-92094-XXX-XX-02 (ALL LENGTHS IN INCHES)

CABLE LABELING △
 500-92094-XXX-XX-02
 SER# EXXXX
 SATELLITE ANTENNA



EXAMPLE : 500-92094-168-2D-02 = 168" ASSEMBLY OF 3C142B WITH A CTR722 & CNS722 CONNECTOR ON EACH END USED FOR SATELLITE ANTENNA.

CABLE ASSEMBLY CONFIGURATIONS

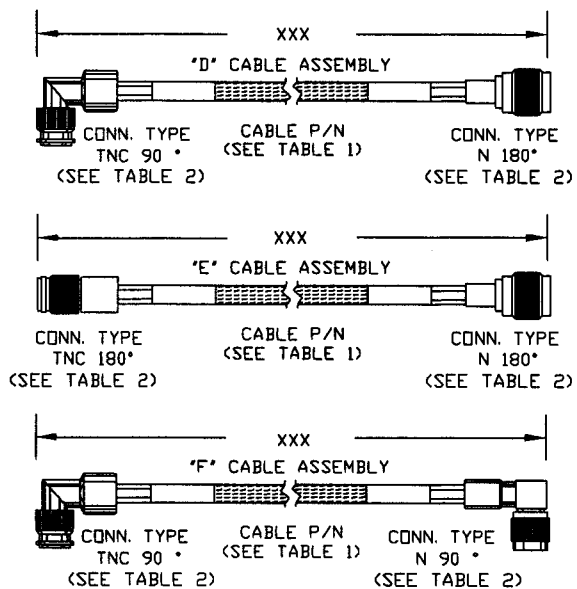


TABLE 2 (ECS COAX CONNECTORS)

28	CTS002	CONN.,TNC, 180 DEG. FOR 310701	
27	CTR002	CONN.,TNC, 90 DEG. FOR 310701	
26	CNS002	CONN.,N, 180 DEG. FOR 310701	
25	CNR002	CONN.,N, 90 DEG. FOR 310701	
24	CTS022	CONN.,TNC, 180 DEG. FOR 310801	
23	CTR022	CONN.,TNC, 90 DEG. FOR 310801	
22	CNS022	CONN.,N, 180 DEG. FOR 310801	
21	CNR022	CONN.,N, 90 DEG. FOR 310801	
20	CTS122	CONN.,TNC, 180 DEG. FOR 311201	
19	CTR122	CONN.,TNC, 90 DEG. FOR 311201	
18	CNS122	CONN.,N, 180 DEG. FOR 311201	
17	CNR122	CONN.,N, 90 DEG. FOR 311201	
16	CTS922	CONN.,TNC, 180 DEG. FOR 311601,311501	
15	CTR922	CONN.,TNC, 90 DEG. FOR 311601,311501	
14	CNS922	CONN.,N, 180 DEG. FOR 311601,311501	
13	CNR922	CONN.,N, 90 DEG. FOR 311601,311501	
12	CTS3522	CONN.,TNC, 180 DEG. FOR 352001	
11	CTR3522	CONN.,TNC, 90 DEG. FOR 352001	
10	CNS3522	CONN.,N, 180 DEG. FOR 352001	
9	CNR3522	CONN.,N, 90 DEG. FOR 352001	
8	CTS522	CONN.,TNC, 180 DEG. FOR 432101	
7	CTR522	CONN.,TNC, 90 DEG. FOR 432101	
6	CNS522	CONN.,N, 180 DEG. FOR 432101	
5	CNR522	CONN.,N, 90 DEG. FOR 432101	
4	CTS722	CONN.,TNC, 180 DEG. FOR 3C142B,311901,3C058A	M39012/26-0503,225555-6,31-4452,KA-59-292
3	CTR722	CONN.,TNC, 90 DEG. FOR 3C142B,311901,3C058A	M39012/30-0503,225554-6,31-4474,KA-59-273
2	CNS722	CONN.,N, 180 DEG. FOR 3C142B,311901,3C058A	M39012/16-0503,225395-6,31-4427,KC-59-417
1	CNR722	CONN.,N, 90 DEG. FOR 3C142B,311901,3C058A	M39012/20-0503,225973-4,31-4446,KC-59-419
#	ECS P/N	DESCRIPTION	

TABLE 1 (ECS COAX CABLE)

9	310801	670 INCHES
8	311201	460 INCHES
7	311501	370 INCHES
6	311601	300 INCHES
5	352001	220 INCHES
4	311901	220 INCHES
3	432101	180 INCHES
2	3C142B	180 INCHES
1	3C058A	130 INCHES
0	310701	756 INCHES
#	ECS P/N	MAXIMUM LENGTH

NOTES: SEE SHEET 1

ECS ELECTRONIC CABLE SPECIALISTS
 FRANKLIN, WI 53133
 PHONE: (414) 421-2300

DATE CODE: **C 66197** LEVEL: **500-92094** DWG NO.
 SCALE: OFFICITY: SHEET 3 OF 3