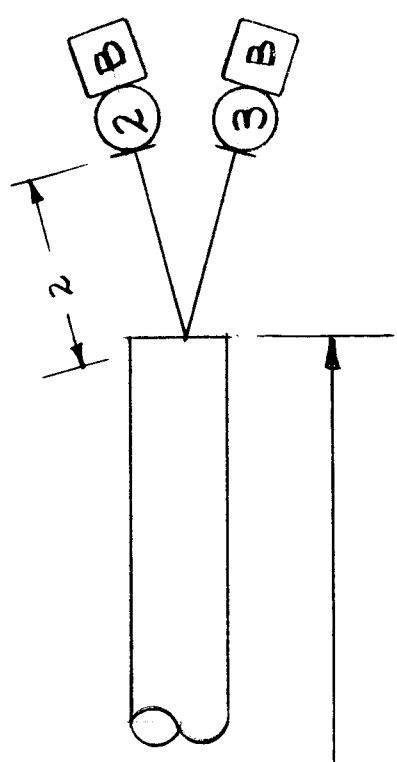
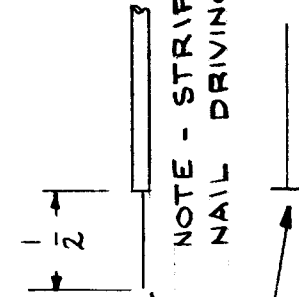
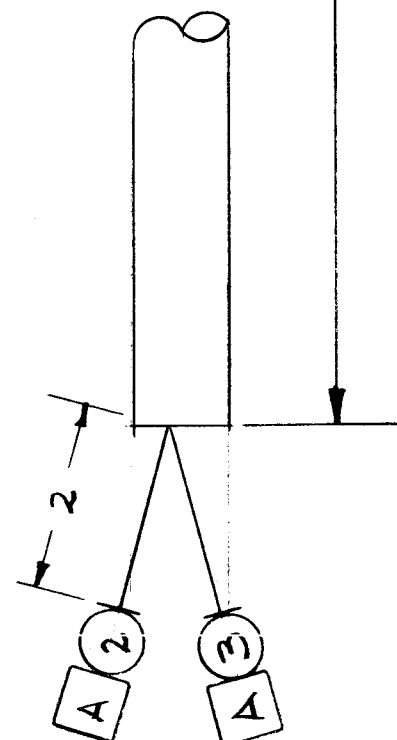


REQ. PER. UNIT	MODEL	USED ON
1	RAK-9	ASSY. NO.
		DATE
		12-14-59

CA-505



TMC PT. NO	A	B
CA-505-2	TE-112-2	TE-159-34161



THIS EQUALS THIS
NOTE - STRIP 1/2" BEYOND NAIL DRIVING POINT.

4	BS 100	SOLDER, SOFT	
3	HWC 14(19)J90	CABLE, INSULATED (FIBERGLASS)	WH/BLACK
2	HWC 14(19)J9	CABLE, INSULATED (FIBERGLASS)	WHITE
22	PX-100-1-500	INSULATION, SLEEVING	BLACK

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP.	
		MAMARONECK, NEW YORK	
		CABLE ASSY, POWER STRIP	

ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.

TOLERANCES	SCALE: DO NOT SCALE
DEC. DIM. ±	MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES
FRAC. DIM. ±	
ANGULAR DIM. ±	

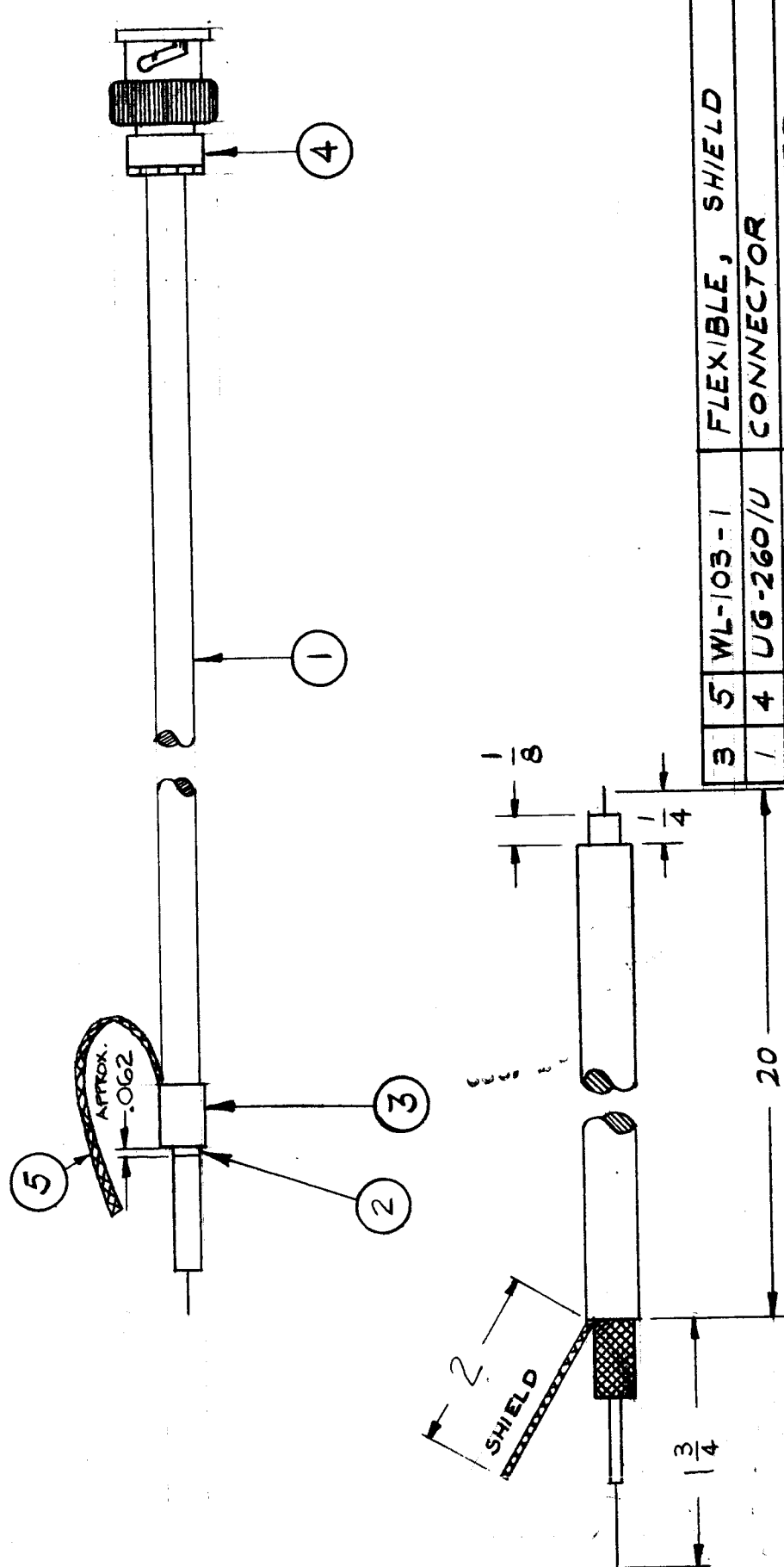
TYPE & TEMPER	HEAT TREAT. SPEC.	MATERIAL	STOCK SIZE

FINISH & SPEC. NO.	ELEC. DES. APP.	MECH. DES. APP.

FINISH & SPEC. NO.	ELEC. DES. APP.	MECH. DES. APP.
CA-505		

CA-535 D

REQ. PER UNIT	MODEL	USED ON	DATE
1	CMO-1	AD-103	3-25-60



3	5	WL-103-1	FLEXIBLE, SHIELD	SYMBOL
1	4	UG-260/U	CONNECTOR	P302
1	3	CU-101-4	FERRULE, OUTER	
1	2	CU-101-3	FERRULE, INNER	
22	1	RG-59/U	CABLE	

REQ. ITEM	PART NO.	DESCRIPTION
		THE TECHNICAL MATERIEL CORP.
		MAMARONECK, NEW YORK
		CABLE, R.F.
		MASTER OSCILLATOR

TYPE & TEMPER	HEATTREAT. SPEC.	DRAWN	CHECKED	FINAL APPR VAL
		<i>Perillo</i>	<i>W.D.</i>	<i>[Signature]</i>
FINISH & SPEC. NO.	ELEC. DES. APP. MECH. DES. APP.			CA-535 D

ITEM 1 (REQ) WAS 20	12.22.66	17567	WHD	<i>[Signature]</i>	ENGINEER
UPDATED W/CHANGES FOR PIGTAIL PROTECTION	1/14/64	10760	<i>[Signature]</i>	<i>[Signature]</i>	CHECKER
1 3/4 DIM. WAS 1-1/4	11-14-62	7679	<i>[Signature]</i>	<i>[Signature]</i>	DRAFTS
2. DIM. ADDED TO ITEM 4 SYM. COLUMN	6/23/60	2544	CA	<i>[Signature]</i>	ENG. APP.

SCALE: _____

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

ISSUE ITEM

CHANGED FROM

TOLERANCES

DEC. DIM. ± 1/64

FRAC. DIM. ± 1/64

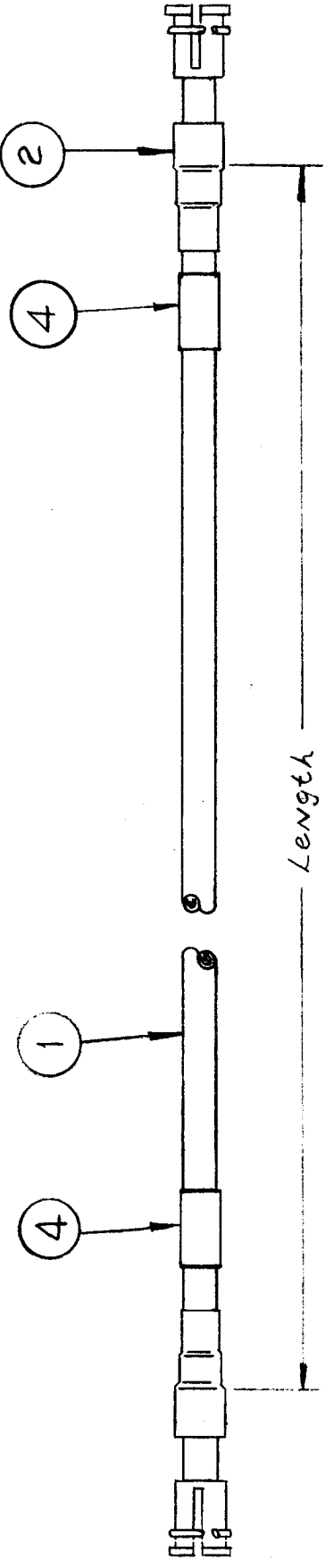
ANGULAR DIM. ±

FOR MARKING INSTRUCTIONS
SEE SPEC. LISTED

WHEN USED ON MODEL SEE SPEC.
CHG -1 S-53B

USED ON
MODEL ASST. NO. DATE
CHG-1 9/6/60

CA-565 A



NOTE ~
SEE SPEC. S-343 FOR
CONNECTOR ASS'Y TO CABLE.

TYPE DESIGNATION AS FOLLOWS
CA-565 - L
TMC NO. LENGTH (INCHES)
(SEE EXAMPLES)

EXAMPLES
CA-565 - 5.31 = CABLE ASS'Y, 5 ⁵/₁₆ LONG
CA-565 - 7.00 = " 7 "

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
Z 4	LA-105-12-	LABEL (SEE CHART)	
X 3	BS-100	Solder, Soft	
Z 2	PL-154	CONNECTER, PLUG, Female	50Ω
X 1	RG-174/U	Cable, Coax, MIN	
STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
MATERIAL		CABLE ASS'Y MINIATURE	
TYPE & TEMPER		RU220 9/6/60	DRAWN G.R.F.
HEAT TREAT. SPEC.		CHECKED	FINAL APPROVAL
FINISH & SPEC. NO.		ELEC. DES. APP. MECH. DES. APP.	

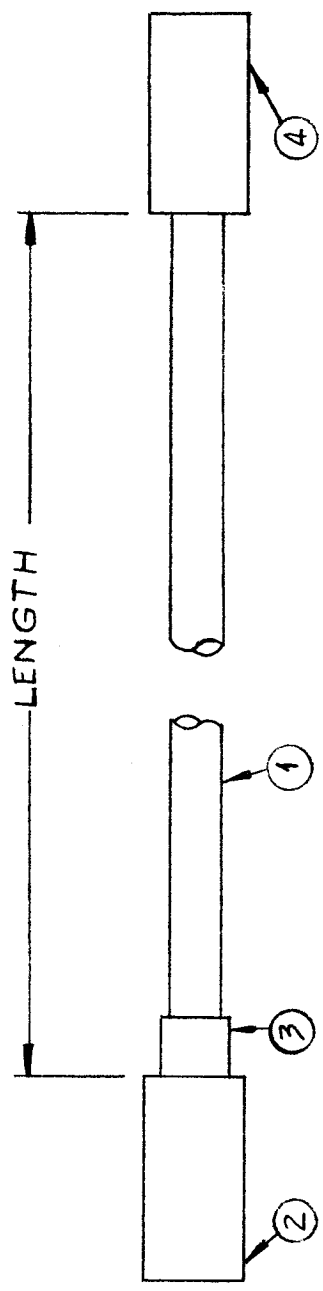
ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A 1	Chart & Item Added	2-1-61	4043	RU	[Signature]	[Signature]
TOLERANCES						
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES						
DEC. DIM. ±						
FRAC. DIM. ±						
ANGULAR DIM. ±						

SUPERSEDED

DIRECTLY REPLACED BY CA 480-109-XX

REQ. PER UNIT	MODEL	USED ON
7	APP-3	ASSY. NO. CA-570-0-6
		DATE 10-24-60

CA-570 C



CA-570-1-5
 Ft. Inches

EX.
 CABLE 6" LONG = CA-570-0-6
 CABLE 2'-4" LONG = CA-570-2-4

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
1	4	UG-88/U	CONNECTOR, PLUG, BNC
1	3	UG-175/U	ADAPTER, CONNECTOR
1	2	PL-259A-MICA	CONNECTOR, PLUG, UHF
X	1	RG-58/U	CABLE, RF, 50Ω
STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
MATERIAL		CABLE, RF, 50 OHM	
TYPE & TEMPER		DRAWN <i>Julie</i>	
HEAT TREAT. SPEC.		CHECKED <i>DRB</i>	
FINISH & SPEC. NO.		FINAL APPROVAL CA-570 C	

ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
C 1	'SUPERSEDED' ADDED	8-27-64	12242	DRB	DRB	JC
B 1	Item 3 Was UG-176/U	11-15-61	5870	L.H.	DRB	STW
A 1	ITEM 4 WAS UG-260/U	11-4-60	3386	DRB	DRB	G.M.D.

SCALE: (DO NOT SCALE)

TOLERANCES
 MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

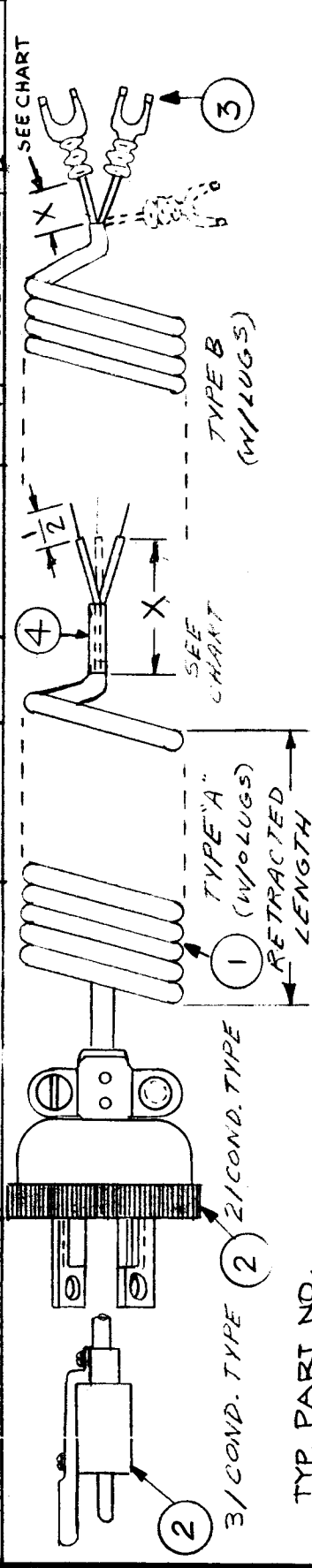
DEC. DIM. ±
 FRAC. DIM. ± 1/64
 ANGULAR DIM. ±

STANDARD DRAWING

CA-575 M

REQ. PER UNIT	MODEL	USED ON
1	CBE-1	ASSY. NO.
1	PTE-3	DATE
		11-2-60
		11-14-61

TMC PART NUMBER	ITEM NO. 1	NO. OF CONDUCTOR	ITEM NO. 2	ITEM NO. 3	TYPE	RETRACTED LENGTH	DIM. X	NEW TMC PART NO.	ITEM #
CA575-1	WI134-2-12	2	PL-171	NONE	A	1' - 0"	1"	CA575-1-12	4
CA575-2	WI134-2-12	2	PL-171	TE-120-2	B	1' - 0"	1"	CA575-2-12	—
CA575-3	WI134-2-5	2	PL-171	NONE	A	4"	8"	CA575-3-04	—
CA575-4	WI134-2-3	2	PL-171	NONE	A	3"	1"	CA575-1-03	—
CA575-5	WI134-6-12	3	PL-218	TE120-2	B	1' - 0"	1"	CA575-5-12	—
CA575-6	WI134-6-3	3	PL-218	TE120-2	B	3"	1"	CA575-5-03	—
CA575-7	WI134-2-4	2	PL-177	TE120-2	B	4"	4"	CA575-7-04	—
CA575-8	WI134-2-6	2	PL-177	TE120-2	B	6"	4"	CA575-7-06	—
CA575-9	WI134-2-4	2	PL-218	TE120-2	B	4"	4"	CA575-9-04	—
CA575-10	WI134-6-12	3	PL-218	NONE	A	1' - 0"	3"	CA575-10-12	—
CA575-11	WI134-6-5	3	PL-218	NONE	A	4"	8"	CA575-11-4	—
CA575-12	WI134-6-12	3	PL-218	NONE	A	1' - 0"	1 1/4"	CA575-12-2	PX830-6-1



TYP. PART NO.

CA575-5-12

CONFIGURATION RETRACTED LENGTH IN INCHES

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
M	CA575-12 & IT.4 ADDED	9-28-67	18530	H.G.	SG	FB
L	ADDED NEW TMC PART NO. 6-27-67	18318	L.A.K.			RH
K	CA575-11 ADDED	5-3-67	18158	L.A.K.		RH
J	IT.1 REQ WAS X, ON -3, LENGTH WAS 3"	10-28-66	17131			
H	RE DRAWN - CA 575-9 & CA 575-10 ADDED	10/5-65	14972	9.V.V.		

SCALE

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

FRACTIONS ± 1/64 ANGLES ± 0° 30'

TOLERANCES

REQ. ITEM	DESCRIPTION	SYMBOL
X 4	SEE CHART INS, SLVG, ELEC. SHRINK	
X 3	SEE CHART TERMINAL LUG	
1 2	SEE CHART CONNECTOR, PLUG, AC.	
1 1	SEE CHART CABLE, AC	
	THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
	CABLE, AC, COILED	
	MATERIAL	
	STOCK SIZE	
	FINISH & SPEC. NO.	
	TYPE & TEMPER	
	HEAT TREAT. SPEC.	
	DRAWN	
	CHECKED	
	FINAL APPROVAL	
	DJM	JAD
	O.P. POSE	
	L.G.	
	ELEC. DES. APP.	
	MECH. DES. APP.	
	CA 575	M

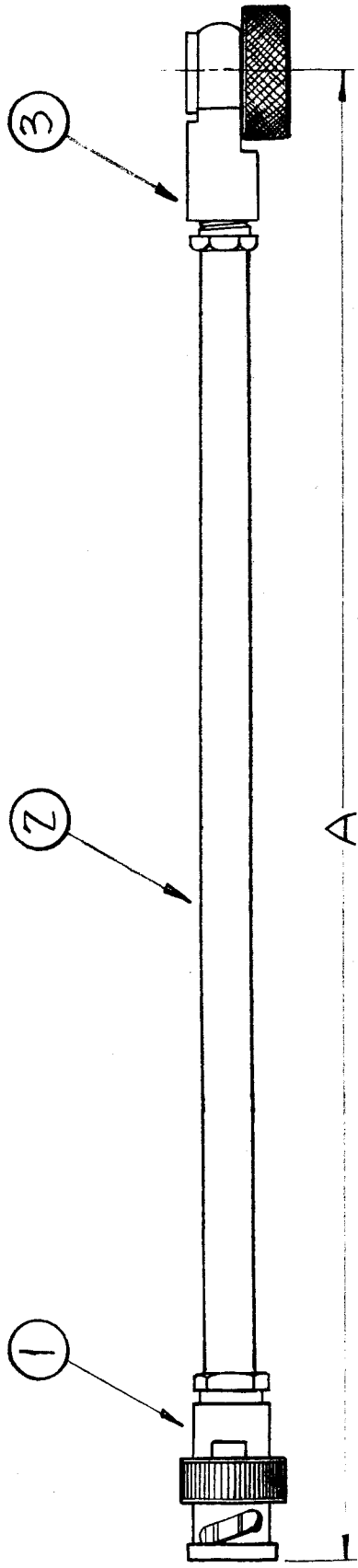
CA-577 A

REQ. PER UNIT	DEL. MARK	ASSY. NO.	DATE
			11/4/60

SUPERSEDED

DIRECTLY REPLACED BY (*SEE CHART)

TMC PART NO.	A	USE *
CA-577 -1	8 1/2	CA-480-112-8.50
CA-577 -Z	13 1/2	CA-480-112-13.50

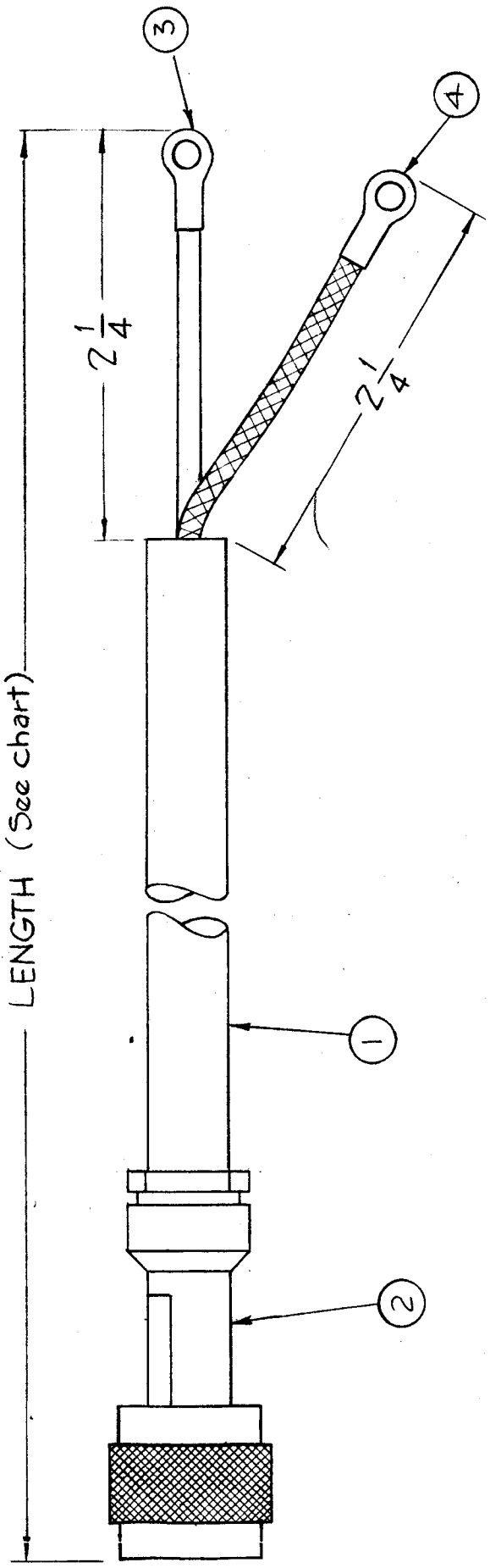


1	3	PL-19Z	Plug, Angle Type		
X	Z	RG-58/U	Cable, RF		
1	1	UG-88/U	Connector, Plug		
REQ. ITEM	PART NO.	DESCRIPTION		SYMBOL	
		THE TECHNICAL MATERIEL CORP.			
		MAMARONECK, NEW YORK			
		CABLE, INTERCONNECT			
STOCK SIZE		MATERIAL		TYPE & TEMPER	
				HEATTREAT. SPEC.	
				DRAWN	
				CHECKED	
				ELEC. DES. APP. MECH. DES. APP.	
FINISH & SPEC. NO.		FINAL APPROVAL		CA-577 A	

ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A 1	SUPERSEDED NT. ADD.	4.16.64	11200	AB	BB	BB
TOLERANCES						
SCALE:						
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES						
DEC. DIM. ±						
FRAC. DIM. ±						
ANGULAR DIM. ±						

TMC PT. NO.	ITEM 1	ITEM 2	ITEM 3	ITEM 4	LENGTH	QTY PER UNIT	MODEL	USED ON ASST. NO.	DATE	CA-582	G
CA-582-1	RG 165/U	PL-222	TE141-4(14)	TE141-4(14)	42 Inches	1	GPT-10K		22-11-1960		
-2	RG 11/U	UG598/U	TE141-3(10)	TE141-3(10)	100 feet	1	SYM-1084				
-3	RG 8/U	PL253-1	TE141-3(10)	TE141-3(10)	6 3/4 Inches		PALA 10K				
-4	RG 165/U	PL253-1	TE141-3(10)	TE141-3(10)	18 1/2 INCHES	1	TRCP-1				

LENGTH (See chart)



REV.	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
G	ADD - 4	1-15-73	20974	GE	SP	SP
F	REV. ITS. 3/4 ON -3	8-2-72	20763	GE	SP	SP
E	ADD ITEM 4	2-3-70	19746	KD	SP	SP
D	IT. 1 QTY WAS 42"	9-27-66	16904	WNO	SP	SP
C	ON CHART (ITEM 2) WAS UG-598/U	2-2-62	6289	G.D.L.	SP	SP
B	DWG. STANDARDIZED	3-30-61	4532	DMM	QC/S	QC/S
A	ITEM 3 WAS TE-141-3	12-19-60	3748	MAR	QC/S	QC/S

REG. ITEM	PART NO.	DESCRIPTION	SYMBOL
1	4	See Chart	TERMINAL LUG
1	3	See Chart	TERMINAL LUG
1	2	See Chart	CONNECTOR, PLUG
1	1	See Chart	CABLE, RF

THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
CABLE ASS'Y., RF.	
STOCK SIZE	
MATERIAL	
TYPE & TEMPER	HEAT TREAT. SPEC.
FINISH & SPEC. NO.	

ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.

TOLERANCES	
SCALE:	
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES	
DEC. DIM. ±	
FRAC. DIM. ±	
ANGULAR DIM. ±	

DRAWN	CHECKED	FINAL APPROVAL
SCHEURE	SP	208
ELEC. DES. APP. MECH. DES. APP.		
CA-582		

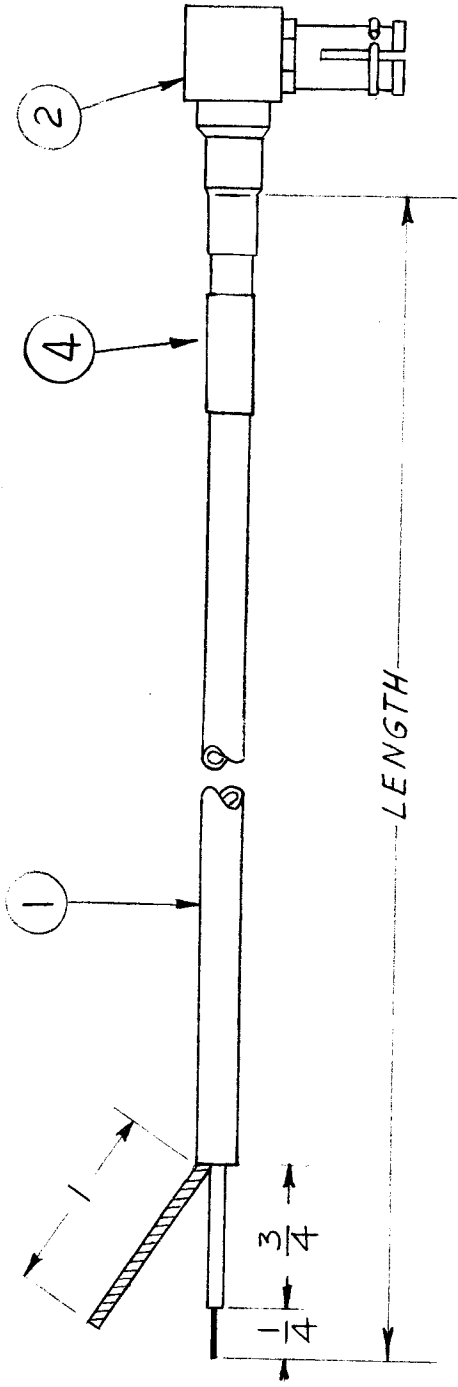
FOR MARKING INSTRUCTIONS
 SEE SPEC. LISTED
 WHEN USED ON MODEL
 CHG-1

SEE SPEC
 S-538

REG. PER. UNIT
 MODEL
 CHG-1

USED ON
 ASSY. NO.
 DATE
 12-3-7960

CA-586
 A



TYPE DESIGNATION AS FOLLOWS:

CA-586 - L

TMC NO. LENGTH (INCHES)
 (SEE EXAMPLES)

NOTE - SEE SPEC. 343 FOR CONNECTOR ASSY. TO CABLE

EXAMPLES -

CA-586-5.31 = CABLE ASSY, 5 5/16" LONG
 CA-586-7.00 = " " 7" LONG

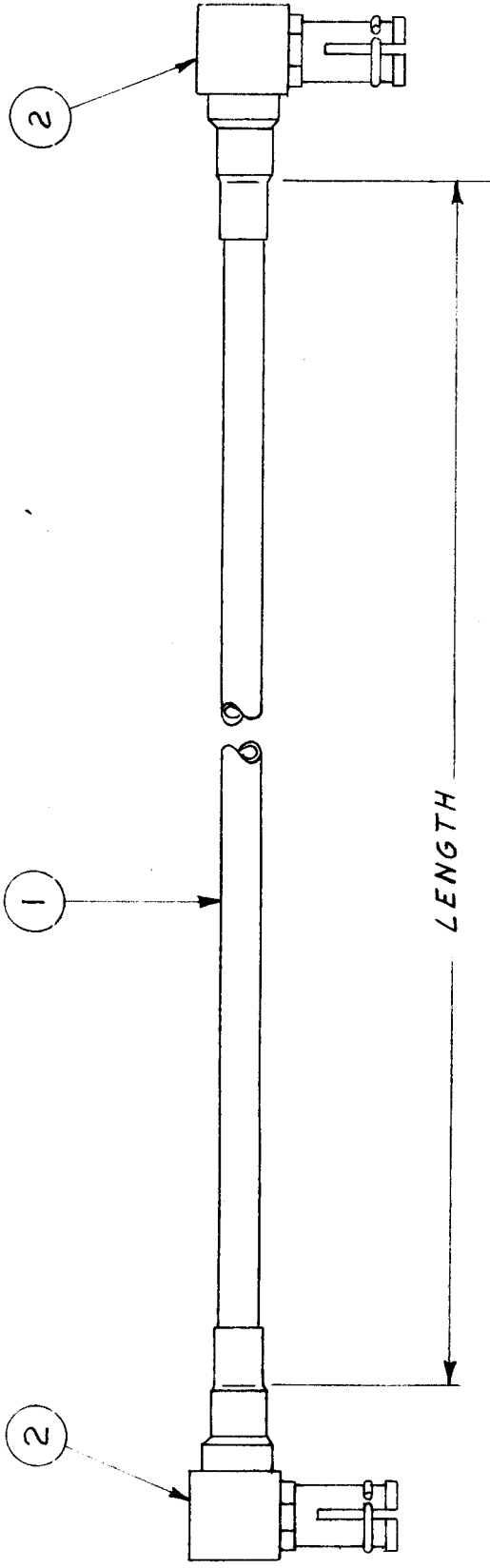
REQ. ITEM	PART NO.	DESCRIPTION	YMBOL
1	4	LA-105-12-	LABEL (See Chart)
X	3	BS-100	SOLDER, SOFT
1	2	PL-155	CONNECTOR, PLUG, FEMALE, < 50Ω
X	1	RG-174 U	CABLE, COAX-MIN.
STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
MATERIAL		CABLE ASSY, MIN.	
TYPE & TEMPER		DRAWN <i>Dehew</i>	
HEAT TREAT. SPEC.		CHECKED <i>ASR</i>	
FINISH & SPEC. NO.		ELEC. DES. APP. <i>Dehew</i>	
MECH. DES. APP.		MECH. DES. APP. <i>ASR</i>	
F. MAX. APPROVAL		F. MAX. APPROVAL <i>ASR</i>	
CA-586		CA-586	
A		A	

ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A 1	Chart & Item Added	2-1-61	4043	RU	<i>Dehew</i>	<i>Dehew</i>

TOLERANCES

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

REG. NO. PER UNIT	USED ON	CA-587
MODEL	ASSY. NO.	
	DATE	12-6-60



TYPE DESIGNATION AS FOLLOWS:

CA-587 - L
 TMC NO. LENGTH (INCHES)
 (SEE EXAMPLES)

EXAMPLES
 CA-587-5.31 = CABLE ASSY, 5 5/16 LONG
 CA-587-7.00 = " 7 LONG

NOTE- SEE SPEC. S-343 FOR CONNECTOR ASSY TO CABLE

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
X 3	BS-100	SOLDER, SOFT	
2	PL-155	CONNECTOR, PLUG, FEMALE, <	50
X 1	RG-174 U	CABLE, COAX, MIN.	
STOCK SIZE		THE TECHNICAL MATERIEL CORP.	
MATERIAL		MAMARONECK, NEW YORK	
TYPE & TEMPER		CABLE ASSY, MIN.	
HEAT TREAT. SPEC.		DRAWN <i>Whe</i>	
FINISH & SPEC. NO.		CHECKED <i>JA</i>	
TOLERANCES		SCALE: <i>1/8" = 1"</i>	
DEC. DIM. ±		MAXIMUM ALLOWABLE TOLERANCES HAVE	
FRAC. DIM. ±		BEEN DETERMINED AND ANY DEVIATIONS	
ANGULAR DIM. ±		WILL BE CAUSE FOR REJECTION	
		REMOVE ALL BURRS	
		FISCAL APPROVAL	
		CA-587	
		REC. DES. APP. MECH. DES. APP.	