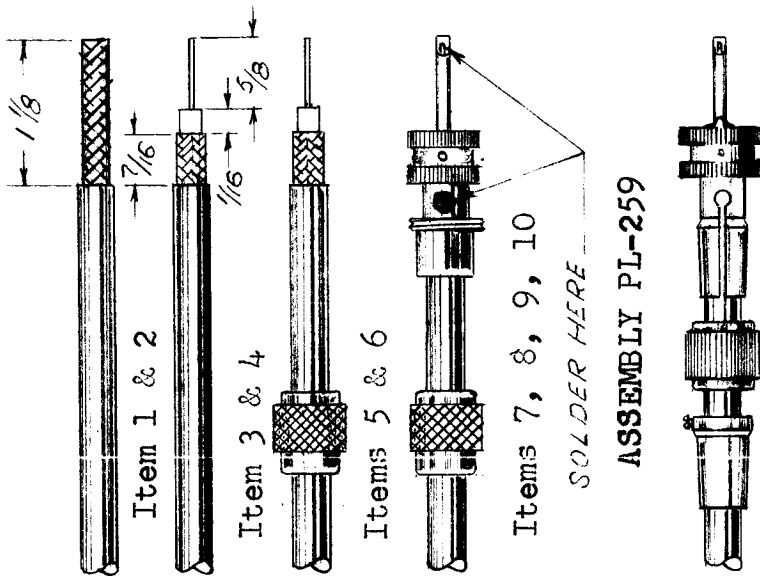


IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

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



ASSEMBLY PL-259-A

ASSEMBLY DRAWING OF RG8/U & RG8A/U CABLE TO PL259 & PL259-A CONNECTOR.

1. Cut cable square.
2. Remove 1 1/8" of vinyl jacket.
3. Trim braid to 7/16" long.
4. Bare 5/8" of inner conductor.
5. Slide coupling ring on cable.
6. Tin centre conductor
7. Screw plug assembly on to cable.
8. Solder braid to shell.
9. Solder centre conductor to contact.
10. Screw coupling ring to plug.

C-2

USED ON

DATE

ASS'Y. NO.

PROJECT NO.

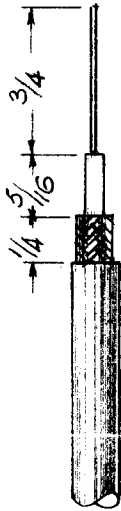
MODEL

20 FEB 1987

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		TMC(Canada)LIMITED OTTAWA ONTARIO	
		TMC(CANADA)LIMITED	
		CABLE ASSEMBLY- PRODUCTION FOR INTERNAL CIRCULATION ONLY	
		WHD/AVISON	
		DRAWN	MECH. DES. APP. <i>WHD</i>
		CHECKED	FINAL APPROVAL
		ELEC. DES. APP.	
		TYPE & TEMPER	
		HEAT TREAT. SPEC.	
		FINISH & SPEC. NO.	C-2
ISSUE	ITEM	CHANGED FROM	DATE
			CN. NO. DRAFTS
			CHECKER
			ENG. APP.
SCALE <i>N.T.S.</i>			
DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED			
DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.			
ALL OTHERS	DEC. DIM. ±	FRAC. DIM. ±	ANGULAR DIM. ±

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

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

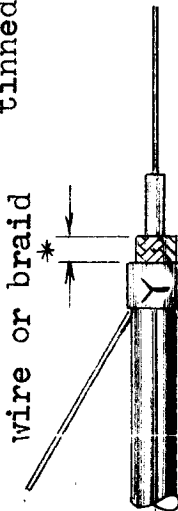


CU 101 - Yellow Outer

CU 101 - Red Inner

(a) WL 100-7
22 tinned copper

(b) WL
tinned copper braid



* 1/16 - 1/8

ASSEMBLY OF RG-59/U CABLE TO BURNDY HYRINGS

1. Strip cable as shown by hand or machine. (Machine cartridge No.).
2. Push red ferrule between insulation & braid.
3. Push yellow ferrule and pigtail over cable braid.
4. Push ferrules into position shown, yellow ferrule must be tight to vinyl jacket.
5. Crimp in Burndy machine using No. die set. Crimp must be central and pigtail must not be damaged.

NOTE: Type and length of pigtail to be called up on each cable assembly drawing.

REQ. ITEM		PART NO.		DESCRIPTION		SYMBOL	
				TMC (Canada) LIMITED OTTAWA ONTARIO			
		STOCK SIZE		TMC CANADA LIMITED			
MATERIAL		WEIGHT PER PC.		CABLE ASSY (PRODUCTION) (FOR INTERNAL CIRCULATION ONLY)			
		TYPE & TEMPER		WH DA VISON			
		HEAT TREAT. SPEC.		DRAWN <i>[Signature]</i>		ELEC. DES. APP. MECH. DES. APP.	
		FINISH & SPEC. NO.		CHECKED		FINAL APPROVAL	
						C-3	

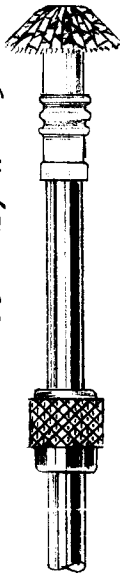
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES							
SCALE ~ 7.5							
DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED							
DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.							
ALL	DEC. DIM. ±		FRAC. DIM. ± 1/64		ANGULAR DIM. ±		

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

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



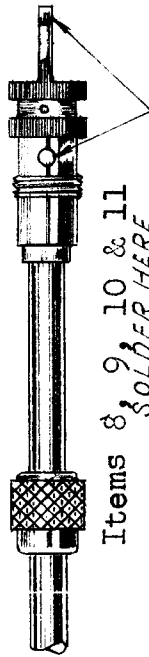
Items 1, 2 & 3



Item 4



Items 5, 6 & 7



Items 8, 9, 10 & 11
SOLDER HERE



ASSEMBLY OF RG-59/U TO PL259 AND PL259-A WITH UG-176/U ADAPTER

1. Cut cable square.
2. Remove 3/4" of vinyl jacket.
3. Slide coupling ring and adapter on cable.
4. Fan braid slightly and fold back.
5. Slide adapter in position shown.
6. Press braid over adapter and trim to 3/8".
7. Bare 5/8" of conductor and tin.
8. Screw plug assembly on adapter.
9. Solder braid to shell through solder holes.
10. Solder centre conductor to contact.
11. Screw coupling ring to plug.

C-5

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
			20 FEB 1961

ASSEMBLY OF PL-259-A TO UG-176/U ADAPTER

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
ALL OTHERS							
TOLERANCES							
DEC. DIM. ±							
FRAC. DIM. ±							
ANGULAR DIM. ±							
SCALE N.T.S.							
DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED							
DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.							

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
			TMC (Canada) LIMITED OTTAWA ONTARIO	
			TMC (CANADA) LIMITED	
			CABLE ASSEMBLY (PRODUCTION) FOR INTERNAL CIRCULATION ONLY.	
			W.H. DAVISON	
			DRAWN	ELEC. DES. APP.
			CHECKED	MECH. DES. APP.
				FINAL APPROVAL
				C-5

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

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



Item 1



Item 2 & 3



Item 4 & 5



Item 6



Item 7, 8, 9 & 10

SOLDER HERE

1. Trim vinyl jacket 1/4" for RG-58/U, 5/16" for RG-59/U - or 7/16" for RG-71/U.
2. Comb out shield and strip inner dielectric 1/8".
3. Tin centre conductor.
4. Taper braid and slide nut, washer, gasket and clamp over braid.
5. Clamp should be squarely against end of cable jacket.
6. With clamp in place, fold back braid smooth as shown and trim 3/32" from end.
7. Slip contact in place, butt against dielectric and solder.
8. Remove excess solder from outside of contact.
9. Push assembly into body as far as it will go.
10. Slide nut into body and screw with wrench until tight.

ASSEMBLY OF RG-58/U, RG-59/U OR RG-71/U TO UG-260/U CONNECTOR

C-6

USED ON

MODEL	PROJECT NO.	ASSY. NO.	DATE
			20 FEB 1961

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
			TMC(Canada)LIMITED OTTAWA ONTARIO	
			TMC(CANADA)LIMITED	
			CABLE ASSEMBLY PRODUCTION FOR INTERNAL CIRCULATION ONLY.	
			WHDVISON	
			DRAWN	ELEC. DES. APP. MECH. DES. APP.
			CHECKED	FINAL APPROVAL
				C-6

STOCK SIZE	WEIGHT PER PC.	TYPE & TEMPER	HEAT TREAT. SPEC.	FINISH & SPEC. NO.

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

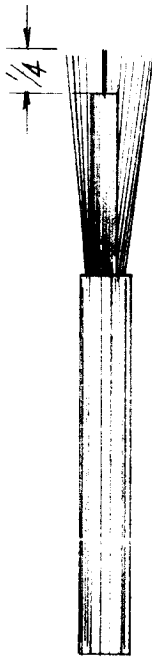
TOLERANCES		SCALE	DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED
DEC. DIM. ±	1/64	N.T.S.	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

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



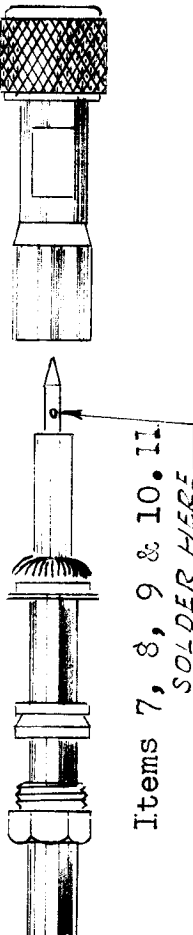
Item 1



Items 2, 3 & 4.



Items 5 & 6.



Items 7, 8, 9 & 10, 11
SOLDER HERE

ASSEMBLY OF RG-8/U CABLE TO CONNECTOR UG-59B/U

1. Strip cable as shown by hand or machine. (Machine cartridge No.)
2. Comb out copper braid as shown.
3. Cut off dielectric 1/4".
4. Tin centre conductor.
5. Taper braid and slide nut, gland and gasket onto jacket.
6. Slide clamp over braid, with internal shoulder, squarely against vinyl jacket.
7. Fold back braid over clamp and trim.
8. Solder contact to center conductor and remove excess solder from contact.
9. Carefully slide body into place so that contact enters hole in insulator push as far as it will go.
10. Slide gasket, gland and nut into body by pushing nut. Be sure, knife edge of gland remains in groove of gasket.
11. Tighten nut with wrench.

C-7

USED ON

MODEL

PROJECT NO.

ASS'Y. NO.

DATE

17 FEB 1961

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		TMC(Canada)LIMITED OTTAWA ONTARIO	
		TMC(CANADA)LIMITED	
		CABLE ASSEMBLY PRODUCTION FOR INTERNAL CIRCULATION ONLY	
		WHDAT/SON	
		DRAWN	ELEC. DES. APP.
		CHECKED	MECH. DES. APP.
			FINAL APPROVAL
			C-7

ISSUE ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES						
SCALE N.T.S.						
DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED						
DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.						
ALL	DEC. DIM. ±					
OTHERS	FRAC. DIM. ±					
	ANGULAR DIM. ±					