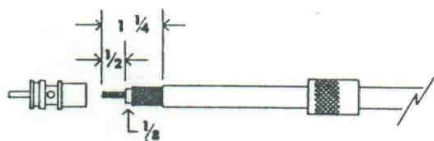


TA-36

transformer assembly

ITEM #32



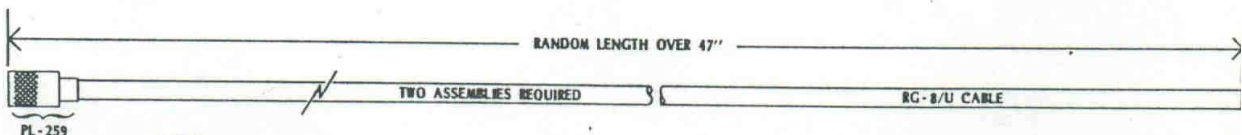
1-Install one PL-259 onto each of two random lengths of RG-8/U coax cable. The overall length of each cable assembly must exceed 47". Measure from the tip of the connector to the end of the cable.

2-Screw both cable assemblies onto the M-358 tee adapter. Measure from the center pin of the adapter and cut each leg of the transformer to 47".

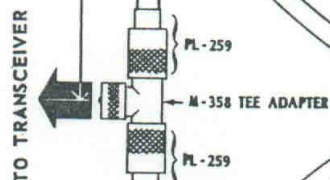
3-Prepare the end of each transformer leg as shown, below. Connect both center conductors together using the small solder lug. Twist the coax braids together and install the large solder lug.

4-After completing step #3, tape the transformer assembly as shown. Attach the completed transformer onto the antenna. Connect the braid portion onto the u-bolt and secure with lockwasher and nut. Connect the center conductor portion onto the radiator element using the 10-32 X 1 3/4" machine screw.

5-The transceiver's down lead is connected onto the center of the tee adapter by means of a PL-259 and Coax Splicer (not supplied). After connecting the down lead onto the transformer, tape the down lead onto one leg of the tower, leaving a drip loop. Be sure to leave enough slack for full antenna rotation.



NOTE: For your convenience, all parts used are standard - available at your local supplier. Large solder lug (Zierick Mfg.), small solder lug (Hollingsworth Term's), connectors and adapter (Amphenol) - equivalent parts can be used. Coax cable is standard polyethylene dielectric type (Do Not Use Foam or Low Loss Cable).



PARTS LIST

MODEL NO.	DESCRIPTION	QUAN. / LENGTH
#21	SOLDER LUG	1 LARGE
R-345-7	SOLDER LUG	1 SMALL
PL-259	CONNECTOR	2 XX
M-358	TEE ADAPTER	1 XX
RG-8/U	COAX CABLE	1 96 IN

