

Section 5.3.6

3000B

DIAGRAMS

1. Rexolite Rod: 1.25 in. dia. by 11 in.
2. Hole: 1.00 in. dia. by 0.80 in. deep.
3. Groove: 0.120 in. wide by 0.125 in. deep 1.00 in. from end of rod.
4. Coaxial Cable: (RG-174/U) 0.110" in. by 19.0 in. long. Strip shield for 7.0 in. and cut off shield to 1/4 in. length. Strip insulation from center conductor 1/4 in. Wind 2 turns of insulated center conductor in groove of rod. Solder shield to center conductor and insulate the solder joint.
5. Wind mylar tape around the two-turn loop and around the rod (three places).
6. BNC male connector.

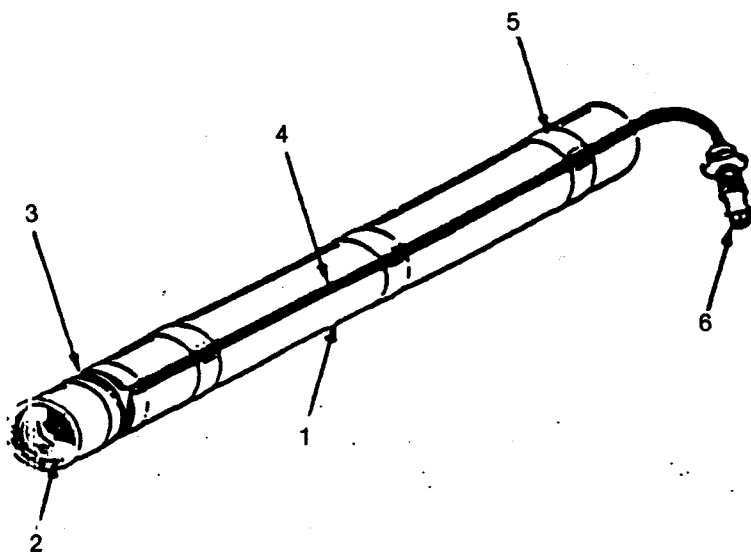


Diagram 2

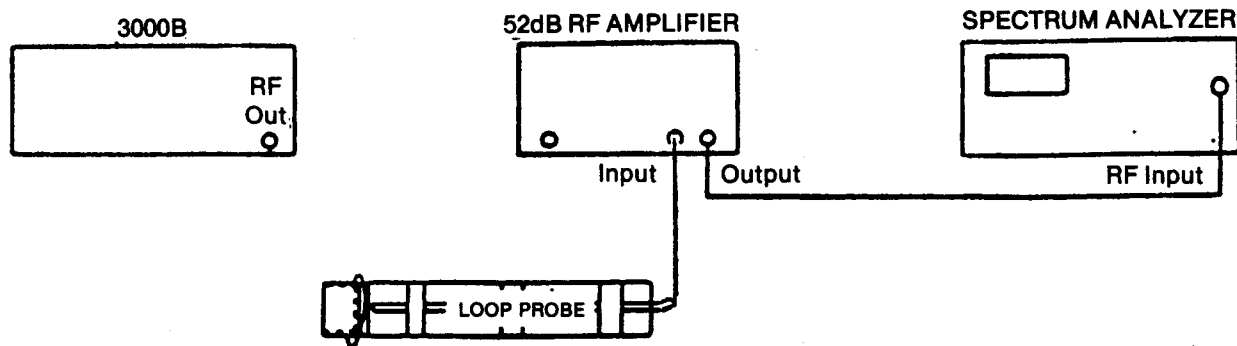


Diagram 3