

FISHING NYLON OR STRING

CUT TV CABLE & WIRES  
(DO NOT SHORT WIRES)

STANDARD 300 OHM TWIN LEAD TV  
CABLE. (CHEAP FLAT TYPE)  
DO NOT USE SHIELDED  
TYPE CABLE.

CUT OUT NOTCH & WIRE  
(OPEN CIRCUIT)

CUT OUT SMALL NOTCHES IN INSULATION  
TO EXPOSE WIRES. (DO NOT  
CUT WIRES)  
SOLDER COAX LEADS TO WIRES AS SHOWN  
MAKE LEADS FROM COAX AS SHORT AS  
POSSIBLE.

USE HEAT SHRINK TUBING OR ELECTRICAL  
TAPE TO COAX FLAT AGAINST BOTTOM  
PART OF CABLE.

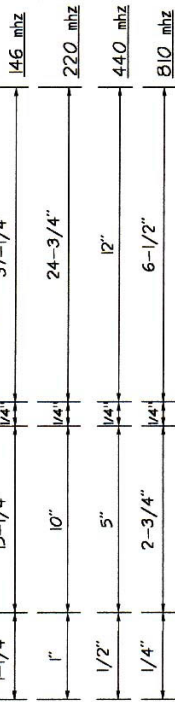
50 OHM COAX CABLE (MINI RG-174 OR  
RG-58U) APPROX. 6 FEET LONG.

LEAVE ABOUT 1/2" OF WIRES EXPOSED  
TWIST TOGETHER AND SOLDER.

FINE TUNE TO YOUR OPERATING FREQUENCY  
BY ADJUSTING LENGTH OF BOTTOM STUB.  
USE AN ADEQUATE SWR METER.

MAXIMUM OPERATING POWER IS 10 WATTS.

appropriate connector



WD4JR (ex WD4JNS) Design (First published in the ARRL Emergency Coordinator's Handbook 1984)  
Updated 1995, 2000

EMERGENCY J-POLE ANTENNA

WD4JR