

## THE BARLS DIPOLE DIMENSIONS FOR 15.17.20 MTRS

BAND & FREQUENCY	LENGTH EACH LEG	OVERALL LENGTH
15 Mtrs ~ 21.264	11' 0"	22 Foot
17 Mtrs ~ 18.164	12' 10"	25' 8"
20 Mtrs ~ 14.264	16' 5"	32' 10"

Cut length of wire (Any Gauge) to 22 Foot, then cut exactly in half giving two lengths at 11 Foot. Make a dipole connector using an electricians Joint Block or similar fed with 50 Ohm RG 58 or similar. Choose the desired center frequency on 15 Mtrs and prune to tune.

*(Cut equal amounts from each end of dipole until the minimum VSWR is obtained or Maximum Forward Power with little or No Reflected Power).*

Once satisfied with VSWR at the chosen frequency crimp a bayonet connector to each end of the dipole, having threaded end of dipole through a piece of plastic as shown.



### NOW !

To extend dipole for use on 17 Mtrs add 1' 10" to each leg and again Prune to Tune.

*(Cut equal amounts from each end of dipole until the minimum VSWR is obtained or Maximum Forward Power with little or No Reflected Power).*

Once satisfied with VSWR at the chosen frequency crimp a bayonet connector to each end of the dipole, having threaded end of dipole through a piece of plastic as shown.

### NOW !

To extend dipole for use on 20 Mtrs add 3' 7" to each leg and again Prune to Tune.

*(Cut equal amounts from each end of dipole until the minimum VSWR is obtained or Maximum Forward Power with little or No Reflected Power).*

Once satisfied with VSWR at the chosen frequency crimp a ring connector to each end.

The ring at the dipole ends allows you to tie string to the ends of the dipole legs for tying off.

To finish off solder ALL crimped connectors and have great success. NO ATU Necessary