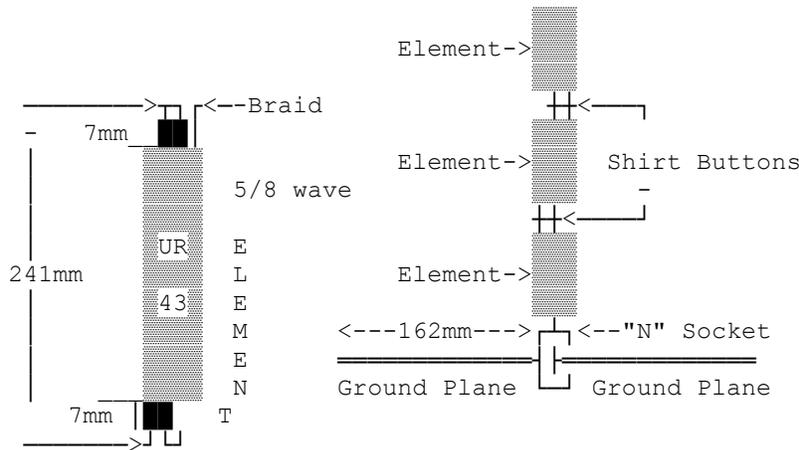


70cm Collinear

From: G8MNY@GB7CIP.#32.GBR.EU

To : TECH@WW

Stacked 5/8 Wave Co-linear For 430-440 MHz



The Elements are made from UR43 or RG58\U (not RG58\CU) coax. You MUST use 50 ohm coax with a solid copper centre.
 Use plastic or fibre glass as a tube cover for the elements but do not use grey tube as this could have a carbon conductive content.
 There are four 5mm dia ground planes that must have a contact with the outer body of the "N" connector socket.
 You can "Stack" as many elements as you wish within reason, trim 10mm off the last element then check V.S.W.R. Repeat until resonance is achieved. Place the tube cover over the elements w checking V.S.W.R. You should be able to reach a good resonance around 1 to 1.
 Use the holes in the shirt buttons as an isolator between the element solder connections, the elements are connected inner/outer, outer/inner at each end of the element "Crisscrossing" to the next, once completed use some strong fishing nylon line around the last element to pull all the elements straight then fix the line over the top of the tube with a waterproof cap.
 73 de Alan 2E1ESY @GB7NND.#23.GBR.EU

Why Don't U send an interesting bulletin?
 73 De John, G8MNY @ GB7CIP

SB TECH @ WW < HR1BY \$7C1812HR1BY
 Re: 70cm Collinear

From: HR1BY@HR1PAQ.#TGU.HND.CEAM
 To : TECH@WW

Hello there!
 Here on HR1BY I tried this one, it works wonderful, a repeater, I could not access before, I now do it with even less power.
 Is there any design for 2 meters? I would be grateful to know about it!
 Merry Christmas and a Happy New Year, are the best wishes from Wolf, HR1BY in Honduras, Central America!
 Take care of yourself.....

73 - WOLF, HR1BY @ HR1PAQ
 Message timed: 15:54 on 2005-Nov-30