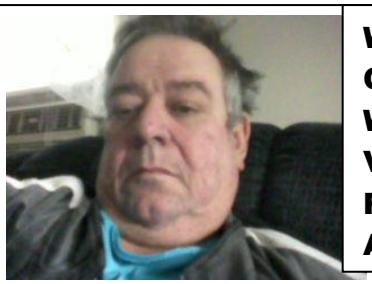
YARC-MITTER

MARCH , 2012

CLUB MEETING MARCH 11TH



WELL SO FAR SO GOOD . THIS WINTER HAS BEEN VERY MILD,AND I FOR ONE HOPE AND PRAY THAT IT KEEPS UP THIS WAY FOR THE REST OF THE WINTER. WE HAD A GREAT PRESENTATION BY HY CHANTZ,W2HY AT THE FEB. MEETING ON MORSE CODE. I KNOW I REALLY LEARNED SOME NEW THINGS ABOUT CW ,THAT I DID NOT KNOW BEFORE. DAVE .N2EHG BROUGHT IN A MOTOROLA BOX OF NEW TECHNOLOGY FOR THE GROUP TO VIEW. AS ALWAYS,DAVE'S SHOW AND TELL WAS INTERESTING AS ALWAYS. AN OLD DEAR FRIEND OF MINE WHO I HAVE KNOWN SINCE I BECAME A HAM, BACK IN 1975,CAME TO THE MEETING, THAT WAS W2LAP ,GUS LEVY.THE 50/50 WAS WON BY CHARLE,W3IFX. THERE WAS A SHORTAGE OF CHAIRS, I WILL TRY TO ARRANGE FOR MORE CHAIRS.

73'S--JOHN

MARCH PRESENTATION

THE PRESENTATION WILL BE ON GROUNDING AND LIGHTNING PROTECTION FOR YOUR HAM SHACK , IT WILL BE PRESENTED BY N2EHG---DAVE

WEATHER

REMEMBER WE ARE COMING INTO THE SNOW TIME OF THE YEAR, SO BEFORE YOU COME TO A MEETING MAKE SURE THE MEETING IS ON ,BY CHECKING IN ON THE 2 METER REPEATER OR CHECKING ON THE YARC WEBSITE IF THE MEETING IS STILL A GO.

MARCH 4TH.

JUST A REMINDER ,VE TESTING WILL BE HELD ON MARCH 4TH., AT 830 AM, PLEASE BRING TWO FORMS OF ID. ONE ID MUST BE A PHOTO ID. THE TESTING SESSION IS HELD AT THE FIRST PRECINCT POLICE STATION, WHICH IS LOCATED ON EAST GRASSY SPRAIN ROAD IN YONKERS. FOR FURTHER INFORMATION CONTACT AC2T-914-237-5589

AT THE FEBRUARY MEETING,CAROL,K3CWR AS SECRETARY CAST ONE VOTE FOR THE NEW BOARD OF DIRECTORS AND EXECUTIVE BOARD.

EXECUTIVE BOARD 2012

PRESIDENT----------WB2AUL

VICE-PRES.----------KF2FK

TREASURER----------AA2HX

SECRETARY----------K3CWR

MEMBERSHIP----------AC2T

TRUSTEE----------AA2HX

BOARD OF DIRECTORS 2012

KC2PHD----------MITCH

KC2EXA----------JOHN

W2CZ----------EFFREM

KA2FBL----------MIKE

KC2VGG----------NANCY

WA2RTV----------ARRON

N2EHG----------DAVE

AB2HZ----------BILL

WE WISH OUR EXECUTIVE BOARD AND BOARD WELL

SWAP MEET

Kenwood PS-430 Power Supply $60.00
MFJ-Deluxe Versa Tuner II $75.00
MFJ-921VHF Dual Band Tuner $35.00
Micronta Field Strength/SWR Tester $15.00
Brown Bros Model ST Key $25.00
Realistic VHF Scanner Pro-2023 $25.00
J-38 Key $5.00
AEA Packet Controller PK-88 $25.00
All of the above are in excellent condition
Kenwood TS-820 Transceiver with Matching
Desk Mike (needs some repair)

THE CLUB HAS FOR SALE 4—5 ELEMENT 2METER BEAMS,MADE BY MAXRAD. THESES ARE COMMERCIAL BEAMS AND HAVE NEVER BEEN USED. THE ASKING PRICE IS 50.00 EACH. FOR FURTHER INFORMATION CONTACT WB2AUL,JOHN

IF YOU WOULD LIKE TO RENEW YOUR ARRL MEMBERSHIP CONSIDER ABOUT DOING IT THRU THE CLUB. THE CLUB GETS $ 2. 00 DOLLARS FOR RENEWAS AND $15,00 FOR A NEW MEMBERSHIPS, FOR INFORMATION GET IN TOUCH WITH JOHN,WB2AUL FOR INFORMATION.

KB2DHG HAM SHACK

Here is a picture of my shack. Not bad for an apartment shack... YAESU FT-950 for HF operations - ICOM 228-H 2 meters - MFJ 949% tuner - MFJ 931 Artificial ground - YAESU FP-1030A Power Supply - YAESU filtered speaker -Yaesu MD-1-- Mikerophone - also a YAESU FT-60 HT - VIBROPLEX 100 anniversary bug, VIBROPLEX Iambic paddle and a BENCHER Iambic Also a LIONEL J-38 for Straight Key night... My Antenna is a home brew extended G5RV inverted Vee...

CLUB MEETING

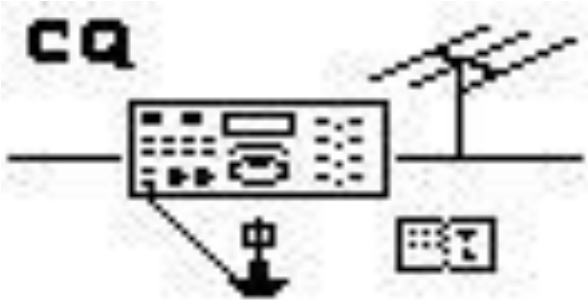
THE NEXT CLUB MEETING OF THE YONKERS AMATEUR RADIO CLUB WILL BE HELD ON MARCH 11TH. MEETING AT 1030AM, PRECEEDED BY A SOCIAL HALF HOUR AT10AM, COFFEE AND DONUTS.

RETIRED GUYS/GALS

WILL MEET FOR LUNCH AT MONT OLYMPOS RESTAURANT, ON THURSDAY MARCH 15TH.,AT 12 NOON. MONT OLYMPOS RESTAURANT IS LOCATED AT THE INTERSECTION OF CENTRAL PARK AVE AND JACKSON AVE IN YONKERS, NY. LUNCHEON OPEN TO ALL,YOU DO NOT HAVE TO BE RETIRED OR A MEMBER TO JOIN US. FOR INFO CALL JOHN ,WB2AUL,AT 914-969-6548

ARRL SSB PHONE CONTEST

MARCH 3RD AND MARCH 4TH . THERE WILL BE A ARRL PHONE SSB CONTEST, MIGHT BE A GOOD WAY TO PICK UP COUNTRIES



SPECIAL SERVICE CLUB

NEED HELP

NEED HELP TO UPGRADE OR TO GET YOUR LICENSE GET IN TOUCH WITH WB2AUL JOHN TO SET UP A STUDY TIME TO HELP YOU GET OVER ANY STUDY PROBLEMS AND GET YOU READY FOR YOUR UPGRADE TEST. WB2AUL CAN BE REACHED AT 914-969-6548.

REMEMBER IF YOU DO NOT PAY YOUR DUES YOU WILL BE DROPPED FROM THE ROSTER AND YOU WILL NOT RECEIVE THE CLUB NEWSLETTER SO PLEASE PAY YOUR DUES,

PAUL MAYTAN,AC2T

19 HUNTSBRIDGE ROAD

YONKERS NY, 10704

THE TECHNICAL CORNER

Taming the PL259 Connector

Article Provided Courtesy
LD Blake - VE3VDC

There's no longer any need to invent new swear words.

Created April 26, 2006

A lot has been written over the years about the correct way to install PL259 connectors on coaxial cable. Entire flame wars have taken place on the internet and on-air about this delicate and often confusing topic.

Regardless of the method used connector failures almost always are the result of bad solder work. To weld the braid side of the coax to the connector is neither simple nor ordinary soldering. Probably a third or more PL259s I've replaced had bad connections to the braid.

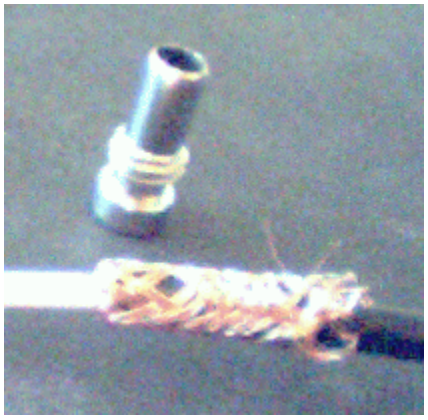
However, there is an easy way to install these connectors that totally eliminates the need to solder braid or solder to the connector housing. This greatly reduces the risk of cold solder or overheat damage to the coax.

My project was to make a patch cord to go between my radio and SWR meter, which is hooked up only for testing. To make handling things easier I decided to use .6 meter (2 feet) of RG8-X coax which is about half the diameter of

RG8. I thus needed an adapter for the PL259 Connectors used to hook to my radio and SWR Meter.

The connectors and the required adapters are shown at the left. The smaller adapter tubes screw into the back of the connectors to take up the size difference in the cables. There are adapters for several cable sizes, make sure you get the right ones for your coax.

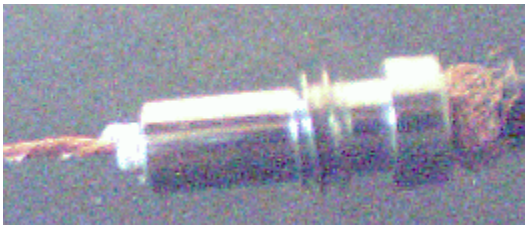
Step 1: Strip the outer insulation of the coax for about 3/4" (the length of the adapter tube).



Step 2: Flip the exposed braid back over the insulated part of the coax. Be careful doing this as the braid has to lay smoothly over the coax or the next step will be impossible.

Step 3: Force the coax into the adapter so that the braid is inside the tube as shown. The front edge should be even with the inner edge of the adapter tube. The easiest way is to treat the coax like it's threaded and twist the adapter on using downward pressure.

Step 4: Dress the inner conductor of your coax as shown. There should be only a small amount of the inner insulation left projecting



forward from the end of the adapter. Tin but do not cut the center conductor at this time.

Step 5: Assemble the connector. First slip the threaded outer sleeve over the cable. Next making sure the center wire goes through the center pin of the connector, screw the adapter into the back of the connector housing. Tighten the adapter with pliers. Finally, solder the wire into the connector's center pin.

Step 6: Clip away the excess center wire and spin the outer ring forward over the connector housing and the connector is now ready to use.

All I had to do was repeat this on the other end of the coax and my patch cord was complete. I performed 2 final checks... First, I tested the cable for shorts and continuity with an ohmmeter then, to be extra sure, I hooked it up between a dummy load and my SWR meter and tested it at 50 watts. I got a 1:1 SWR, telling me the cable is good.

A similar process can be used with full size RG8 cable as well.

1. **Strip off 3/4" of outer insulation.**
2. **Fold the braid back over the coax.**
3. **Cut away the inner insulation close to the edge of the braid, exposing the center wire.**

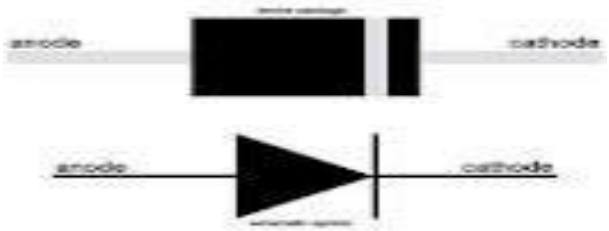
4. **Tin but do not cut the center wire at this time.**
5. **Slip the outer ring onto the coax.**
6. **Twist the connector housing onto the coax, over the exposed braid.**
7. **Solder the center pin and cut away the excess wire.**
8. **Bring the outer ring forward and you're done.**

I've come to trust this method and it's very simple. Yes it's cheating, but it does work. I've done CB, Amateur and other installations this way and while I still had the occasional connector failure, I'm confident I had fewer than I would by relying on a solder spot through the side of the connector housing for my grounds.

It works, it's easy... give it a try!

TECHNICAL TIPS BY WB2AUL

EVER WISH YOU HAD A THIRD HAND TO HOLD A PART, OR HEAT SINK A PART WHILE YOU WERE SOLDERING IT, WELL THIS IS ONE EASY WAY TO DO JUST THAT, JUST STRETCH A RUBBER BAND ACROSS THE HANDLES OF A NEEDLE NOSE PLIERS AND YOU HAVE A QUICK AND INEXPENSIVE THIRD HAND WHICH WILL BECOME VERY USEFUL. I HAVE BEEN DOING THIS FOR YEARS AND FIND IT VERY,VERY HELPFUL. YOU CAN ALSO DO IT WITH ANY PLIERS AS LONG AS YOU USE A HEAVIER RUBBER BAND.



ONE THING I LEARNED YEARS AGO FROM BUILDING KITS WAS TO CHECK MY DIODES BEFORE I INSTALLED THEM ON A CIRCUIT BOARD OR PUT THEM IN A CIRCUIT. A DIODE WILL CONDUCT ONLY ONE WAY,SO IF YOU PUT YOUR MILLIAMP METER INTO OHMS AND PUT ONE LEAD OF YOUR METER ON ONE SIDE OF THE DIODE AND THE OTHER LEAD ON THE OTHERSIDE IT SHOULD SHOW A OPEN OR SHORT,REVERSE THE LEADS AND YOUR READING SHOULD BE REVERSED. A GOOD DIODE.