

Ham Bootcamp Shopping Trip - Spring 2021

Saturday, May 1, 2021

- ☐ Handheld Transceivers (HTs)
 - ☐ Budget HT - [BaoFeng UV-5R](#)
 - ☐ Solid, Rugged Analog Dual-Band HT - [Yaesu FT-60R](#)
 - ☐ Premium HT with Color Screen - [Icom ID-51A \(New - just coming to market\)](#)
 - ☐ Best HT for Portable FM EasySats - [Kenwood TH-D72 \(Purchase used\)](#)
- ☐ HT Antennas and Accessories
 - ☐ [Diamond HT Whip Antenna](#)
 - ☐ [Diamond Mag-mount Antenna](#)
 - ☐ [RTSystems Programmers](#)
- ☐ Mobile/Base VHF-UHF FM Transceivers
 - ☐ Base Rig - [Icom IC-2730A](#)
 - ☐ Deluxe Rig - [Icom ID-5100A](#)
 - ☐ Popular Rig with APRS - [Kenwood TM-D710G](#)
- ☐ Mobile Antennas and Accessories
 - ☐ [Diamond Mobile NMO Lip Mount](#)
 - ☐ [NMO Whip Antenna - Comet SSB-5NMO](#)
 - ☐ [Suction Cup Mount](#)
- ☐ Base Station Antenna and Feedlines
 - ☐ [Diamond X-30A](#)
 - ☐ [Diamond X-50A](#)
 - ☐ Portable Setup – Comet [YS-45](#), [CP-45](#), and [SBB-5](#) (Not the same as the SBB-5NMO)
 - ☐ [Coax Loss Calculator](#)
 - ☐ [RG8-X \(25 ft or less\)](#)
 - ☐ [LMR-400uF Custom Coax Assembly \(consider N-Connectors at 70cm & above\)](#)
 - ☐ [Coax Wrap](#) and [Scotch Super 33+ Tape](#)
 - ☐ [Fiberglass push-up Masts – Max-Gain Systems](#)
- ☐ Shack Power
 - ☐ 13.8 Vdc, 30A Power Supply - [Astron SS-30](#)
 - ☐ [RigRunner Fusing and Distribution Block](#) (Be sure to use proper size fuses!)
- ☐ Grounding and Bonding – Rods, Clamps, and Ground Cable – Home Depot/Lowes
 - ☐ Alpha-Delta Surge Protectors ([UHF](#) or [N-Connector](#))
 - ☐ [Alpha-Delta Ground Rod Z-Bracket](#) - [Example installation](#)
 - ☐ [Members can see our Tech Night on Grounding and Bonding](#)

- ☐ HF Transceivers
 - ☐ [IC-7300](#)
 - ☐ [IC-7610 \(Good choice if transverters will be used\)](#)
 - ☐ [Flex Radio SDRs](#)
 - ☐ [IC-7100 Mobile HF Rig](#)
 - ☐ [IC-7000 Mobile HF Rig \(Used\)](#) - More on [Mobile HF Installations and this radio at stationproject.blog](#)
- ☐ Power - See above
- ☐ Grounding and Bonding - See above for outside portion
 - ☐ [Single-point Ground for Shack or Larger Station Outdoor Use](#)
 - ☐ [Braided Ground Straps](#)
- ☐ HF Wire Antennas
 - ☐ [Single Band Dipole for 20m](#)
 - ☐ [Buckmaster OCF Dipole](#) - Order direct
 - ☐ [Dacron Rope](#)
 - ☐ High-Quality Baluns - [Balun Designs](#)
 - ☐ Antenna Wire - [DXE](#) or [The Wire Man](#)
 - ☐ [Alpha-Delta Antenna Insulators](#)
 - ☐ [Screw in Ground Anchors](#)
 - ☐ [Rig Expert Antenna Analyzers](#)
- ☐ [Alpha-Delta Antenna Switches](#)
- ☐ Tools and Supplies
 - ☐ Coax Connector Crimp Connectors - [RF Parts](#) or [Tesco](#)
 - ☐ [Coax Connector Crimp Tools](#)
 - ☐ Coax Connector Prep Tools - [DXE](#) or [Times Microwave](#)
 - ☐ [Adhesive Heat Shrink Tubing](#) - Match size to your coax cable
 - ☐ Solder Gun for Connector Installation - [Weller 300w/200w H-D](#)
- ☐ Weak-Signal VHF and Above (Repeaters, Terrestrial Weak-Signal, Satellites, EME, ...)
 - ☐ [IC-9700](#)
 - ☐ [Transverters - Q5 Signal](#)
 - ☐ [Hardline Coax - Make sure you can get the correct connectors](#)
 - ☐ Source for Directional Antennas (6m and above) - [M2 Antennas](#), [Innovantennas](#) (LFAs)
 - ☐ Towers, Rotators, etc. - Get professional help for your first project, see [NARs Tech Night](#)

- Some Additional Demos
 - [MPE \(RF Exposure Calculation\)](#)
 - Power Pole Connector installation
 - Coax Crimp Connector installation
 - Coax Cable Connector sealing