

# EFHW Supply List

## Material

## Supplier

- 1) 14 AWG, 7/22 STRAND #14 HARD 0.24000 67.20 **(Optional)**  
DRAWN BARE COPPER AERIAL WIRE (150 Feet @ \$0.24/ft)

Davis RF PO BOX 370 N Haverhill, NH 03774  
Voice: (603) 787-2200

- 2) ARRL EFHW Antenna Kit - \$79\* <https://home.arrl.org/action/Store/Product-Details/productId/133267>  
The ARRL Kit comes with everything you need (including antenna wire and insulator) to put up a light-weight 10-40 antenna.

Full Instructions for the ARRL Kit build are available here - <https://www.arrl.org/end-fed-half-wave-antenna-kit>

**Please Note:** To build a more **robust** 10-40 EFHW, or a 10-80 EFHW, it's more cost effective to buy the materials separately from the suppliers listed on this page (\* buy the individual pieces yourself from Amazon and/or your local hardware store "" and save big \$\$\$)

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|---|---|
| 1. P65 enclosure 100 x 100 x 55 mm with weather sealant and screws 4x | 13. Stainless steel M5 split lock washer 4x |
| 2. Toroid Amidon FT240-43   | 14. Stainless steel M3 tooth washer 4x      |
| 3. Toroid mounting plate (a piece of plastic will do)                 | 15. M3 cable lug                            |
| 4. Stainless steel M3 6mm screws 4x                                   | 16. M5 cable lugs 2x                        |
| 5. Stainless steel M3 split lock washer 4x                            | 17. Stainless steel (A4) M6 strain relief   |
| 6. Winding wire 1.0 mm  | 18. Stainless steel M6 nut                  |
| 7. Cable ties 8x  | 19. Stainless steel M6 washer               |
| 8. 100 pF capacitor 2kV   | 20. Stainless steel M6 lock washer          |
| 9. SO-239 chassis mount connector                                     | 21. Stainless steel M5 bolt 25mm 2x         |
| 10. Stainless steel M3 bolt 12mm 4x                                   | 22. Stainless steel M5 wing nut 2x          |
| 11. Stainless steel M3 nut 4x   | 23. Stainless steel M5 nut 4x               |
| 12. Stainless steel M3 washer 4x                                      | 24. Stainless steel M5 washer 4x            |
|   | 25. Stainless steel M5 tooth lock washer 4x |

- 3) 10 Pack Insulators - \$11

Tractor Supply: American Farm Works: Black Jumbo Corner Insulators

- 4) 200ft 3/16 Dacron Polyester Rope - \$16/100ft <https://www.amazon.com/Black-Dacron-Polyester-Rope100/dp/B00S887K8Q>