

WIRING SUPPLIES



Open Barrel Splices

- 1500 CMA and less of combined wire area: TE 62759-1
- 1500 to 5000 CMA of combined wire area: TE 63130-2
- 5000 to 10000 CMA of combined wire area: TE 62357-1

Best price and easiest company I have found to deal with for purchasing these is [element14.com](https://www.element14.com). Putting those part number into the search bar will get you to the right pages. [Element14](https://www.element14.com) has different pages depending on where in the world you are, in the US for example its called Newark, so it will be best to search for those part numbers from your location.



Raychem SCL

Rigid shrinkable tube with a black potting compound inner wall. Excellent for harness branch sealing and support, and splice insulation.

Most common sizes I use (the sizes specified are before shrinking) are 6mm (1/4") and 10mm (3/8"). Important to note is this heat shrink cannot be rolled onto a reel, and is generally only available in 1.2m (4') straight lengths. I usually cut it up into more manageable sections for storage, as it's only ever used for sealing and support, not a complete harness sheath. As above, I purchase this from [Element14](https://www.element14.com), and it will be best if you put the part numbers into their search bar at your location

6mm (1/4"): SCL-1/4-STK

10mm (3/8"): SCL-3/8-STK



AMP Superseal 1.0 Connectors

Once again, you can also find these on [Element14](https://www.element14.com). The connector bodies are available in 26 and 34 pin options. Important to note is that for each pin number option, there are multiple key-way options, and you will need to confirm that the keying is right for the device you want to connect to. I've given the part numbers for the most common connector bodies I strike, but confirm the keying here: [te.com](https://www.te.com)

- 26 Way connector body: 3-1437290-7
- 34 Way connector body: 4-1437290-0
- Contact for use with 16-18AWG wire: 3-1447221-3
- Contact for use with 20-22AWG wire: 3-1447221-4



TXL Wire

I purchase my TXL wire from [Waytek Wire](https://www.waytekwire.com), as their shipping options to New Zealand were the best I could find. Outside of New Zealand I couldn't guarantee this, so it may pay to shop around. A google search of 'TXL wire' will net you a few options: [waytekwire.com](https://www.waytekwire.com)



General

A small list of the most useful wiring supply websites I use frequently:

- [msel.co.nz](https://www.msel.co.nz)
- [milspecwiring.com](https://www.milspecwiring.com)
- [waytekwire.com](https://www.waytekwire.com)
- [element14.com](https://www.element14.com)
- [cycleterminal.com](https://www.cycleterminal.com)