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Macintosh: Converting Macintosh XL AppleTalk Connectors

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To convert Macintosh XL Appletalk connectors to Macintosh (Mini-8) Appletalk connectors, follow the diagram below. Test the pin signals for each wire because the color coding may not be consistent.

DB-25 Mac XL	Color	Mini-8 Macintosh
2 TX-	green	3 TX-
3 RX-	white	5 RX-
19 RX+	blue	8 RX+
20 TX+	red	6 TX+

Other suggestions:

- Cut the cable about 3/8" up from the 25 pin connector so you can strip it back and verify the pinout- you'll need an ohmmeter or a continuity tester.
- Tin wires and connectors beforehand, of course.
- Use a soldering iron with a small tip and controlled temperature.
- Solder quickly so as not to deform the connector then clean with a good flux remover.
- First slide the outer plastic piece over the wire. Next fan the braid around the OUTSIDE of the metal shell and clamp it between the metal shell and the hard plastic pieces, then force the outer plastic piece over the whole connection.

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