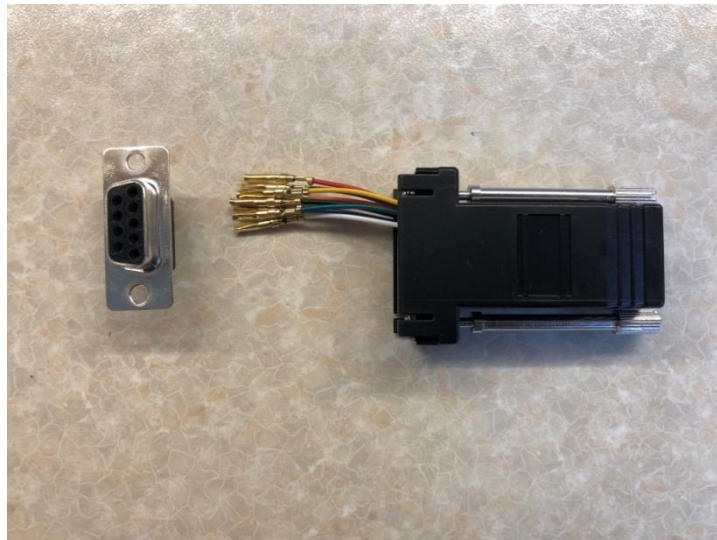# Note 4:

KM3000 CAT5 programming lead to serial adaptor connector

This optional programming lead connector is for radios with RJ45 connector, male or female at the back of the radio.
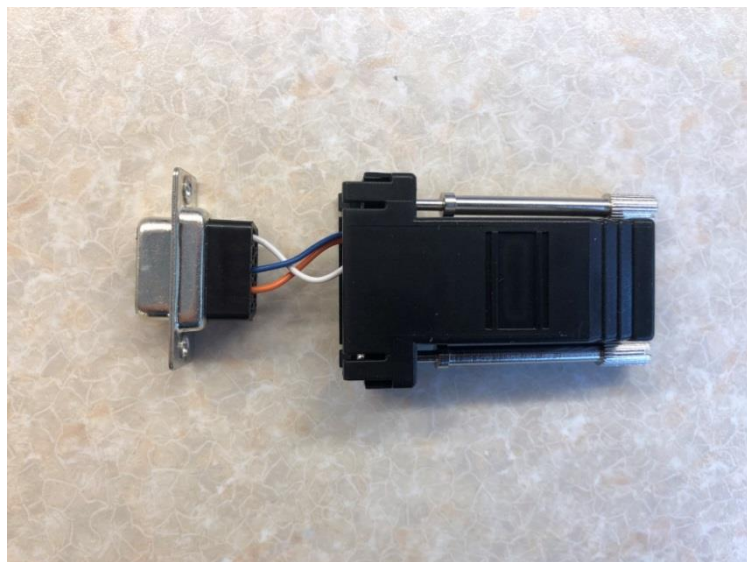
This adapter will connect 9 way D serial (RS232) to CAT 5 RJ45 connectors. These simple adaptors were purchased from a trader at a rally for £1.00 each. They are also available on Ebay and other sources at about £3.00. As delivered the shell which contains the RJ45 socket has nine flying leads, only three are needed to program the KM3000/4000 type radio.

The wires required are as follows:

Orange   Pin   2

Blue   Pin   3

White   Pin   5

Cut off or sleeve the other unwanted wires and push them back into the shell. Now, push the pins securely into the correct position in the back of the 9 nine way socket. The socket pin positions are marked on the front of the socket.

Carefully snap the socket into the housing, the adaptor should now look like this.

Plug a standard CAT5 RJ45 patch lead (not a cross-over) into the oposite end of the adaptor and the other end into the radio socket. Plug the adaptor into the PC serial port or USB to serial adaptor. The radio can now be programmed. If the radio (some KM4000's) has a male RJ45 plug fitted the plug can be used straight into the adaptor without the patch lead.

Note 4_ KM3000 4000 RJ45 type programming conector

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