

## LN-200 Cable Schematic

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- Connectors
  - Data connector: DB-25 female
  - Power connector: 9-pin molex (male pins)
    - Required voltages: 5V, 5V return, +15V, +15V return, -15V, and -15V return
  - Output connector (to IMU): Deutsch Engineered Connecting Devices RE11-442S
- Length: Under 2 ft.

Diagram of the connections below, the cable requested being inside the box of dotted lines.

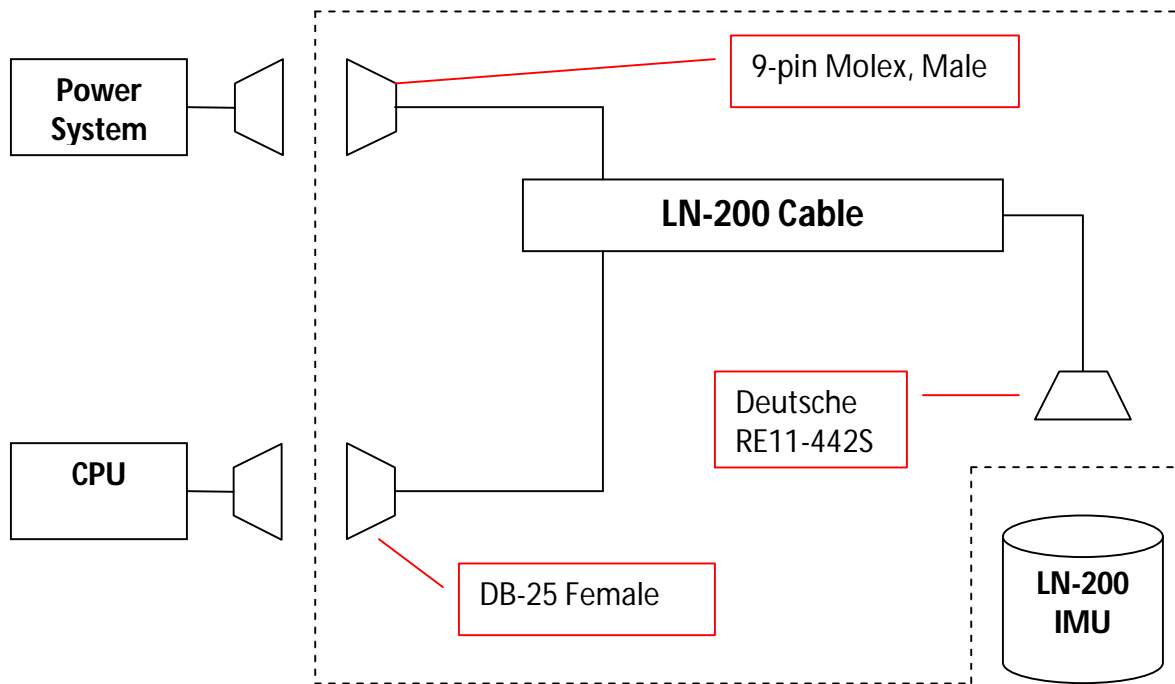


Figure 1: Cable Diagram.

The pin-out diagram of the RE11-442S is shown below. The X marks the required pins; **please disregard the pins marked with an O**. I am supplying the LN-200 with +15V, -15V, and +5V.

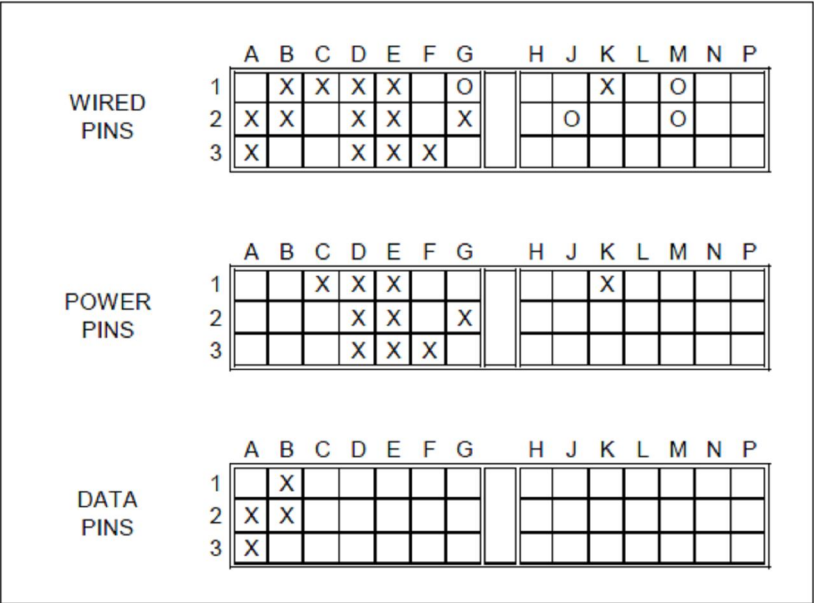


Figure 2: Cable Pin-Out of LN-200 Mating Connector.

Shown below is the pin assignment for the DB-25 female connector. The left diagram is the actual DB-25 female connector, and the table on the right indicates which pin on the DB-25 connector (left column) corresponds to which pins on the LN-200 (center column).

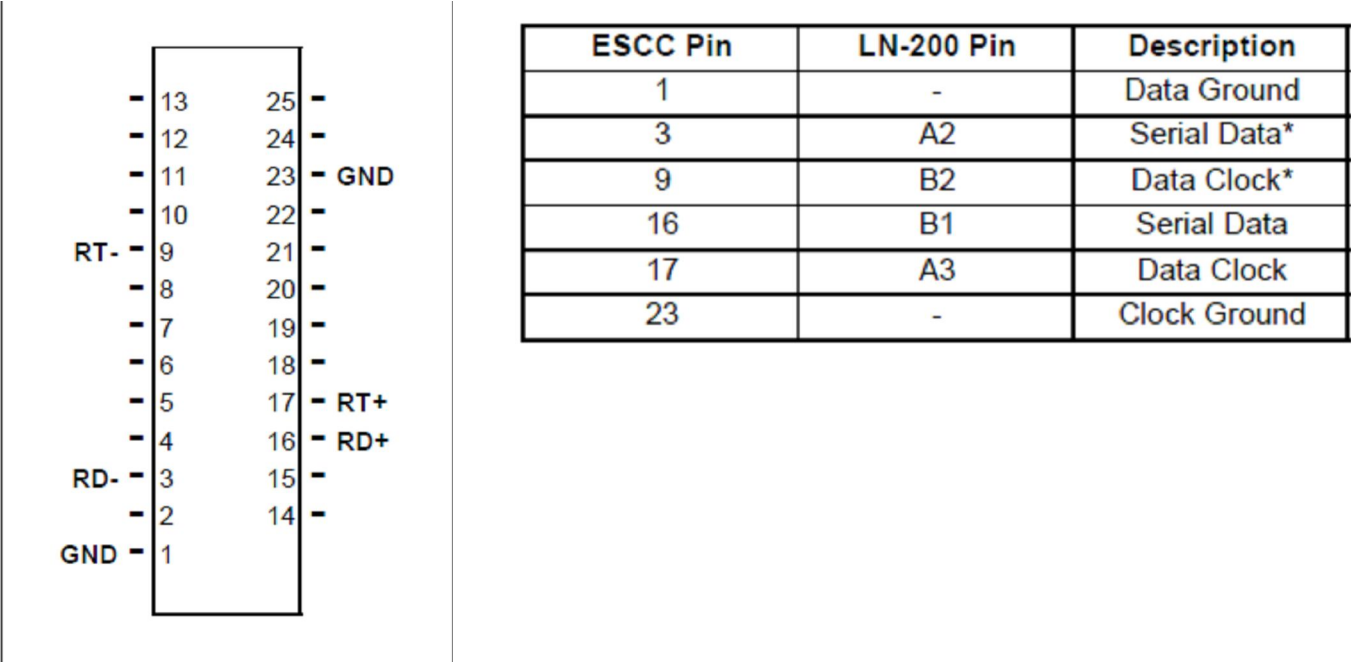


Figure 3: DB-25 Pin Assignments in Relation to the LN-200.