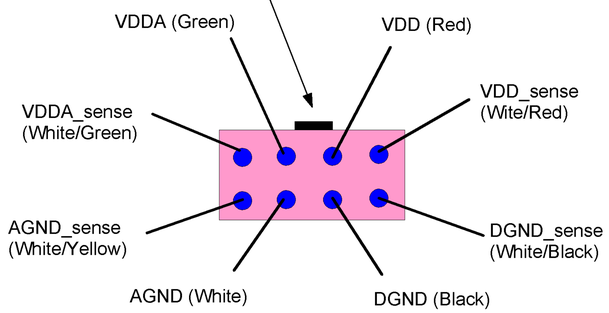
Remote Sense Power Cable Assembly Drawing

8-pin Molex Connector
Front View (Latch up)

Upper and lower pins connected to the same twisted pair.



Strip back outer insulation for about 8 inches

Strip back individual pair shields by about 2 inches

Cut drain wires for pair #1 and pair #2 at end of shield. Keep other two drain wires at original length, and add heat shrink tubing for protection.

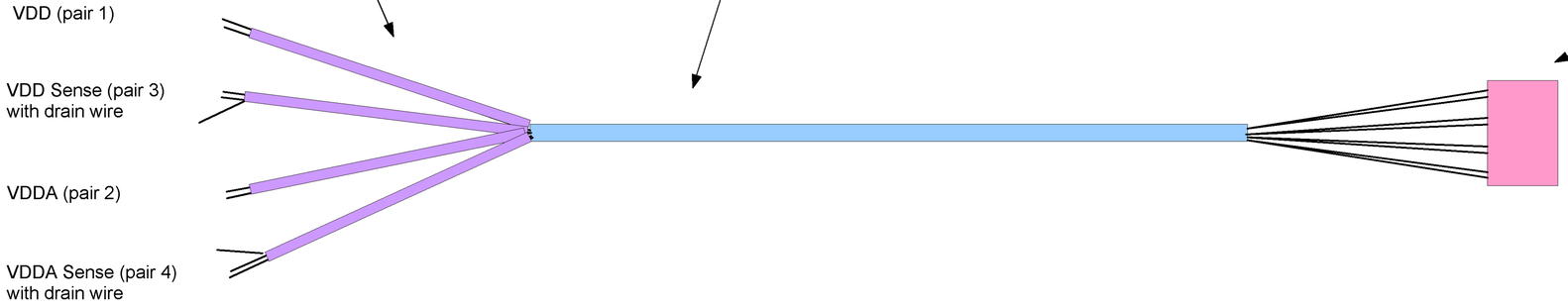
Strip individual wires back by about 1" and tin with solder. Also tin two exposed drain wires (pair #3 and pair #4).

Belden 8725 (6 x 20AWG pairs, individually shielded) Length = 6 feet

PAIR.# AND COLOR COMBINATION

1 BLACK PAIRED WITH RED
2 WHITE PAIRED WITH GREEN
3 WHITE/BLACK PAIRED WITH WHITE/RED
4 WHITE/YELLOW PAIRED WITH WHITE/GREEN

8-pin Molex Connectors (Part # 39-01-2080)

Strip back outer insulation for about 1.5 inches so that final connector termination has only about 1 inch of unshielded wire exposed.

Please use Molex Strain Relief on each of these connectors (parts are included).