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| Amphenol 762mm gray shielded HD26 cable MFG #: CS-DSDHD26MM0-002.5 | Summary: Below is a table containing the connections between the pins on the HD26 & the color wire it terminates to. |
| HD26 Connector Pin’s | Correlating Wire Color |
| Pin 1 | Black Wire |
| Pin 2 | Brown Wire |
| Pin 3 | Red Wire |
| Pin 4 | Orange Wire |
| Pin 5 | Yellow Wire |
| Pin 6 | Green Wire |
| Pin 7 | Blue Wire |
| Pin 8 | Purple Wire |
| Pin 9 | Grey Wire |
| Pin 10 | White Wire |
| Pin 11 | Coral Wire |
| Pin 12 | Lime Wire |
| Pin 13 | Black-White Wire |
| Pin 14 | Brown-White Wire |
| Pin 15 | Red-white Wire |
| Pin 16 | Orange-White Wire |
| Pin 17 | Green-white Wire |
| Pin 18 | Blue-White Wire |
| Pin 19 | Purple-White Wire |
| Pin 20 | Red-Black Wire |
| Pin 21 | Orange-Black Wire |
| Pin 22 | Black-Yellow Wire |
| Pin 23 | Black-Green Wire |
| Pin 24 | Grey-Black Wire |
| Pin 25 | Coral-Black Wire |
| Pin 26 | Coral-Red Wire |

**NOTE: The use of the character "&" indicates they are two separate wires; not to be confused with my use of "-" to indicate a SINGLE wire that is color coded with two different colors.**

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| Axis I 15-Pin D-Sub (Encoder/Limit) | Summary: Below is a table containing the connections between the D-Sub wires and corresponding breakout board. | Galil pin | function |
| 15-Pin D-Sub Breakout board slot | 26-Pin D-Sub Wire Color |  |  |
| Slot 5 | Grey & Yellow Wires | 9 & 5 | 5V & limit switch common |
| Slot 9 | Short slot 9 to slot 10 | 18 | GND |
| Slot 10 | Short slot 10 to slot 9 & Blue-White wire | 18 | GND |
| Slot 13 | Orange Wire |  |  |
| Slot 14 | Brown-White Wire |  |  |
| Slot 15 | Yellow-Black Wire | 22 | Reverse limit |

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| Axis II 15-Pin D-Sub (Encoder/Home/Limit) | Summary: Below is a table containing the connections between the D-Sub wires and corresponding breakout boards. |
| 15-Pin D-Sub Breakout Board Slot | 26-Pin D-Sub Wire Color |
| Slot 1 | Blue Wire |
| Slot 2 | Orange-White Wire |
| Slot 3 | White & Black (Reflector GND) Wires |
| Slot 5 | Yellow & Yellow-Black & Grey & Red (Reflector +5V) & Brown-White |
| Slot 7 | Purple Wire |
| Slot 8 | Coral-Red Wire |
| Slot 11 | Coral-Black Wire |
| Slot 12 | Green-White Wire |

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| Axis II High Density 15-Pin D-Sub (Encoder/Home) | Summary: Below is a table containing the connections between the D-Sub wires, primary breakout board, and auxiliary breakout board. |
| High Density 15-Pin D-Sub Breakout Board Slot | 26-Pin D-Sub Wire Color & Primary Breakout Board Slot |
| Slot 1 | Black wire connected to slot 3 of primary breakout board |
| Slot 8 | Orange wire from 26-Pin D-Sub wires |
| Slot 11 | Red wire connected to slot 5 on primary breakout board |