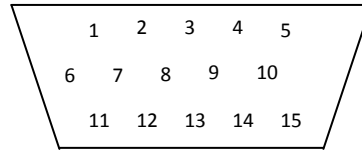


HD15M
Solder-pin
side



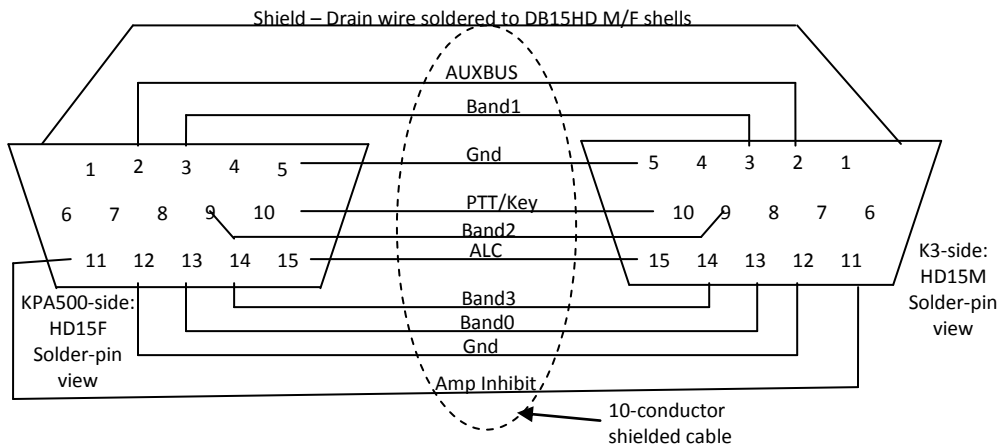
HD15F
Solder-pin
side

K3 Accessory Connector (HD15F K3, HD15M Cable)

- | | |
|--------------------------------|---------------------------|
| 1 – FSK IN | 9 – BAND2 OUT |
| 2 - AUXBUS IN/OUT | 10 – KEYOUT (10ma max) |
| 3 – BAND1 OUT | 11 – DIGOUT1 Out |
| 4 – PTT IN | 12 – Ground (RF Isolated) |
| 5 – Ground (RF Isolated) | 13 – BAND0 OUT |
| 6 – DIGOUT0 Out | 14 – BAND3 OUT |
| 7 – K3 ON (out) or TX INH (IN) | 15 – ALC (IN) |
| 8 – POWER ON | |

KPA500 Accessory Connector (HD15M KPA500, HD15F Cable)

- | | |
|-----------------------------|---------------------------|
| 1 – ICOM Band Voltage (Com) | 9 – BAND2 IN |
| 2 - AUXBUS IN/OUT | 10 – PTT/KEY IN |
| 3 – BAND1 IN | 11 – AMP INHIBIT (LOW) |
| 4 – NC | 12 – Ground (RF Isolated) |
| 5 – Ground (RF Isolated) | 13 – BAND0 IN |
| 6 – ICOM Band Voltage | 14 – BAND3 IN |
| 7 – Alarm OUT | 15 – ALC (OUT) |
| 8 – Power ON/OFF IN | |

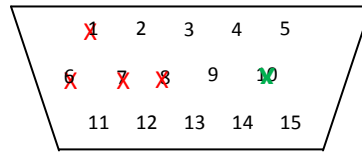


KPA500/K3 AUX cable

Notes:

- 1) 10-conductor shielded cable is www.allelectronics.com 10CS22.
- 2) HD15M (K3-side cable connector) is www.mouser.com 156-1815-E, HD15F (KPA500-side cable connector) is 156-1915-E, and hoods are 156-2009-EX.
- 3) Shield of 10-conductor cable soldered to connector shells.

If you wish to purchase, rather than build a cable, visit www.cablewholesale.com and purchase a 6' SVGA cable, part number **10H1-20206NF**. Modify the cable by breaking off the pins shown below. Grasp the pin right up against the connector body with long-nose pliers, and carefully bend the pin back and forth until it breaks off.



HD15M cable
pin-side view

X: Remove pin 10 if you wish to use an external PTT RCA-type cable

Rather than break off the cable pins, you can purchase a 31H1-05200 HD15 M/F adapter (also called a "port saver") and pull out the pins as shown above. Then plug this in-line with the cable. This preserves all cable pins for any potential future use.

Some other cable lengths available from Cable Wholesale: 1-ft HD15 M/F **10H1-20201NF**, 3-ft **10H1-20203NF**, 10-ft **HD15 M/F 10H1-20210**.

Another place for purchasing VGA cables with all pins connected straight through is www.l-com.com. Some of their part numbers: 3ft HD15 M/F CGSVGAMF-3, 5ft HD15 M/F CGSVGAMF-5, and 10ft HD15 M/F CGSVGAMF-10.

NOTE: Not all VGA or SVGA cables have all 15 pins connected straight through. Additionally, pins in some cables are shorted together and/or shorted to ground. The Cables from the two sources I reference above DO have all 15 pins connected through, and none are connected to each other or to ground.