



12600 SE 38th St, Suite 150
Bellevue, WA 98006
(425) 653-5505

Darwin Jukebox - Custom Cable Specs.

Custom Cable P/N 300-0039-01

Power Supply Cable, 1 per
Molex 09-50-1081 both ends (8 position)
Pin 1 to Pin 1, all 8 positions
18 AWG wire (8 total), 12" long, all the same color

Custom Cable P/N 300-0034-01

UI Cable, 1 per
Molex 51021-1200 both ends (12 positions)
Pin 1 to Pin 1, all 12 positions
26 AWG wire (12 total) 12" long, all the same color

Custom Cable P/N 300-0033-01

EIDE interface cable (Ultra ATA disk drive), 1 per
See <http://www.cablestogo.com/product.asp?cat%5Fid=906&sku=18729> for an example.
We need it done differently for our configuration. We will always have two drives in the unit, so we want a different order of the connectors.
See AMP information on these:

<http://catalog.tycoelectronics.com/AMP/bin/AMP.Connect?M=CINF&C=11530&N=19&RQ S=C~11530^M~FEAT>

Black connector <--8"--->	Blue connector <----8"----->	Gray connector
Master Drive	System	Slave

This would be an 80 conductor cable with 40 pin connectors.

Custom Cable P/N 300-0032-01

Disk Drive Power cable (Y cable), 1 per
Uses AMP 0.200" Pitch Soft Flex Mate-N-Lok connectors for disk drive industry or equivalent.
Female (socket) <--8"---> Male (Pin) <---8" ---> Female (socket)
This off-the-shelf cable is too short.
<http://www.cablestogo.com/product.asp?cat%5Fid=925&sku=03166>
Pin 1 Yellow 18 guage
Pin 2, Pin 3 Black 18 guage
Pin 4, Red 18 guage