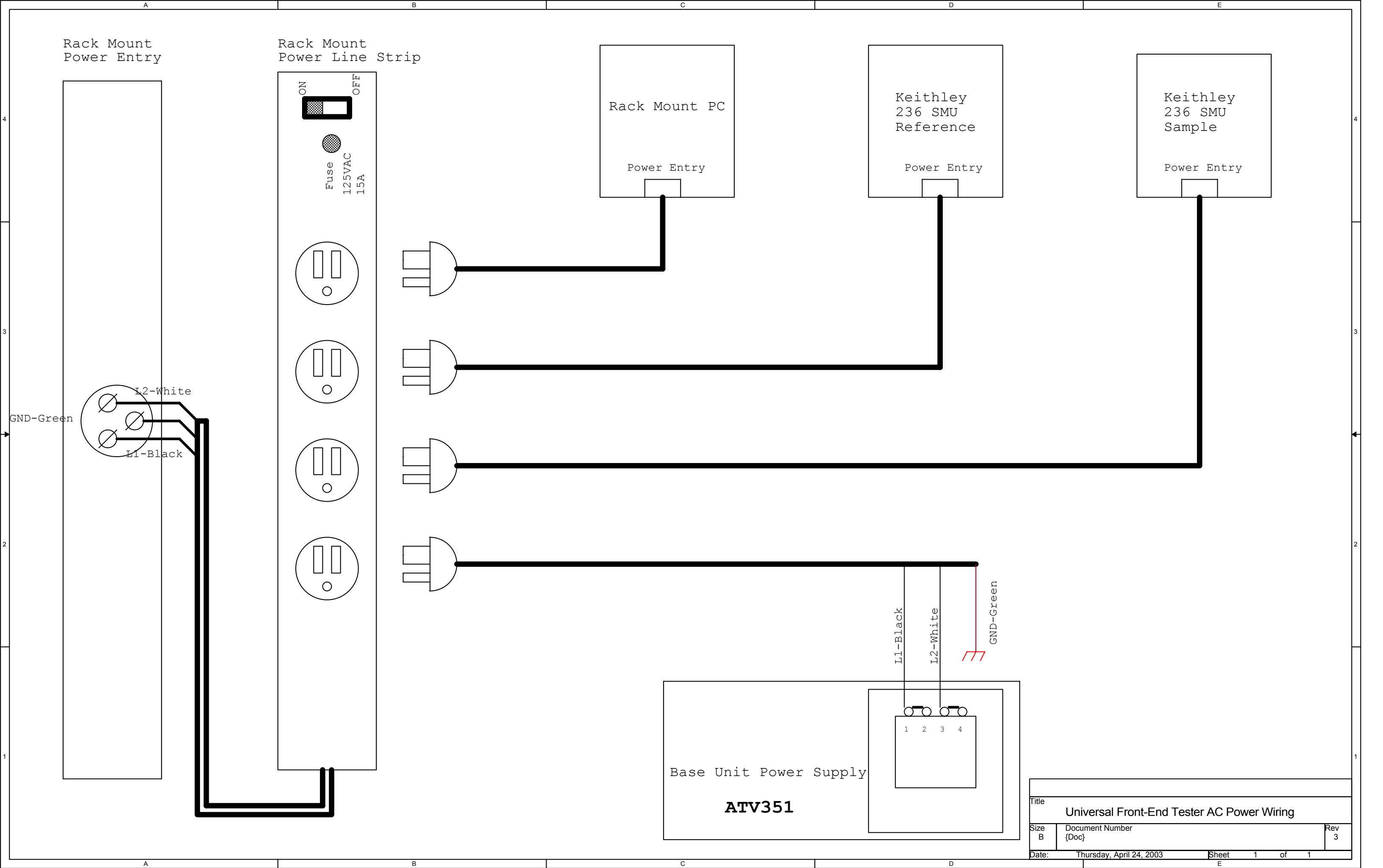
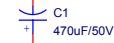
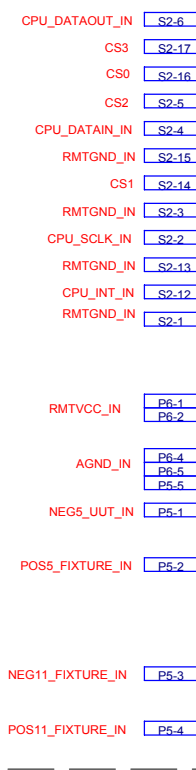


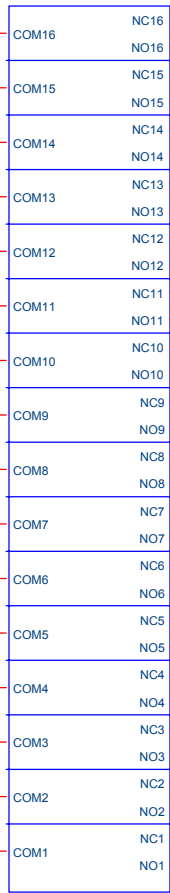


Signals In from  
Fixture  
CPU/Personality  
Bd.

Hypertronics Fixture  
Interface Connector

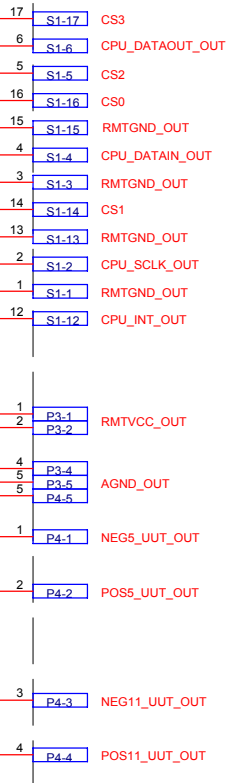


National Instruments ER16 Relay Board



TO FIXTURE  
INTERFACE  
BD. J5

Hypertronics Fixture  
Interface Connector



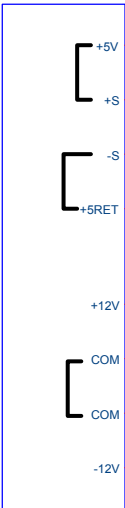
Signals Out To  
Fixture UUT

J8

EXTGND  
EXT5V

National Instruments ER16  
External Power Input

PS1



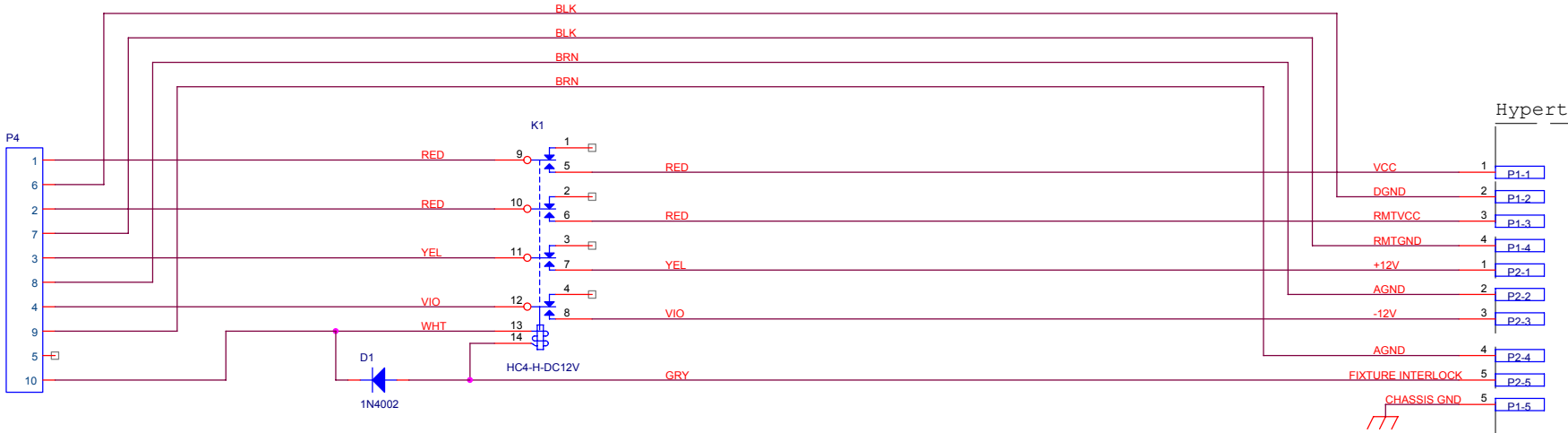
Fixture Power Supply

P3

To Fixture Interface  
Board  
J3

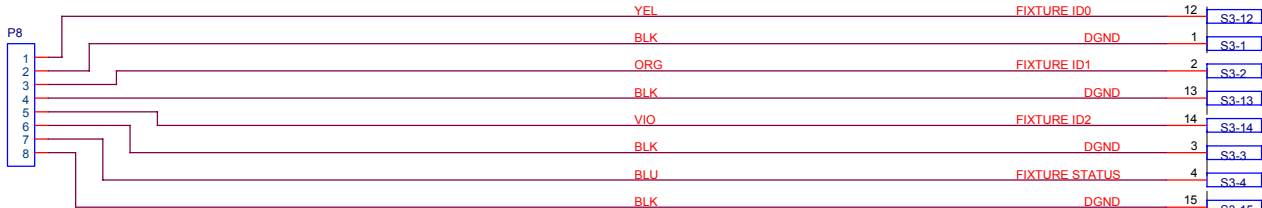
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|---------|--------------------------|--|--------------|
| Title   |                          |  |              |
| (Title) |                          |  |              |
| Size    | Document Number          |  | Rev          |
| C       | (Doc)                    |  | 3            |
| Date:   | Thursday, April 24, 2003 |  | Sheet 1 of 1 |

To Fixture  
Interface Board J4



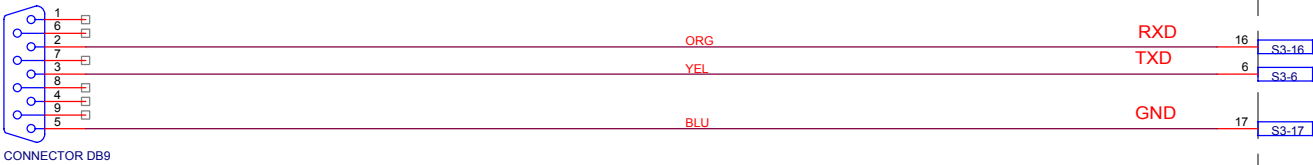
TO  
CPU/PERSONALITY  
BD.

To Fixture  
Interface Board J8



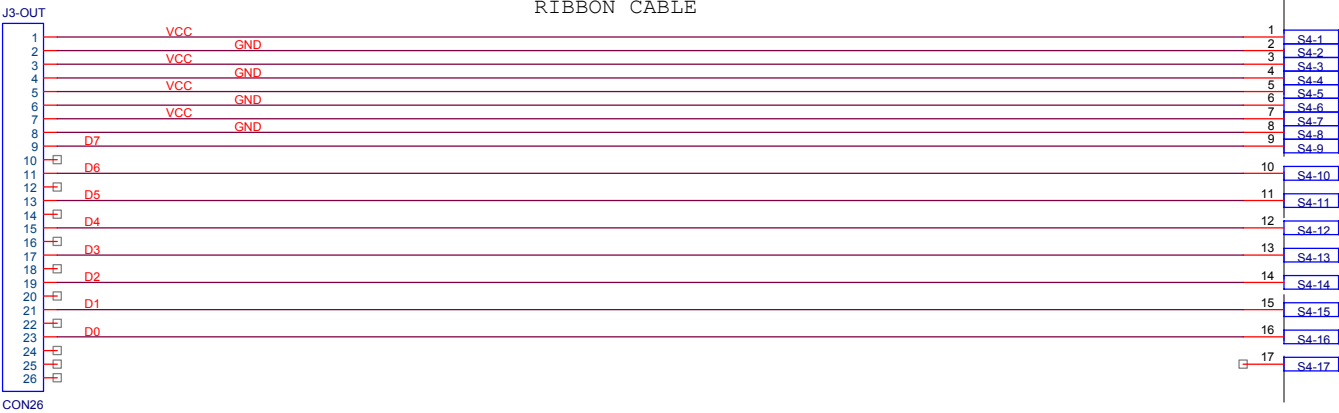
FIXTURE  
DIO

TO PC  
COM1



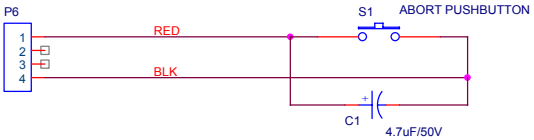
RS232

RIBBON CABLE

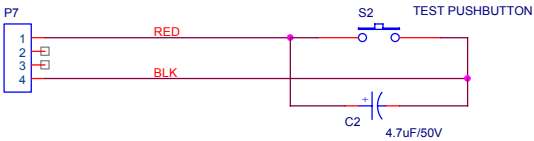


DIO Port 4

To Fixture  
Interface Board J6  
pins 1-4



To Fixture  
Interface Board J6  
pins 12-15



Keithley Model 236 SMU

Channel A  
/Sample Side

OUTPUT HI

GUARD HI

SHIELD

SENSE HI

GUARD HI

SHIELD

SENSE LO

OUTPUT LO

SHIELD

Output Lo

Chassis Gnd

Keithley Model 236 SMU

Channel B  
/Reference Side

OUTPUT HI

GUARD HI

SHIELD

SENSE HI

GUARD HI

SHIELD

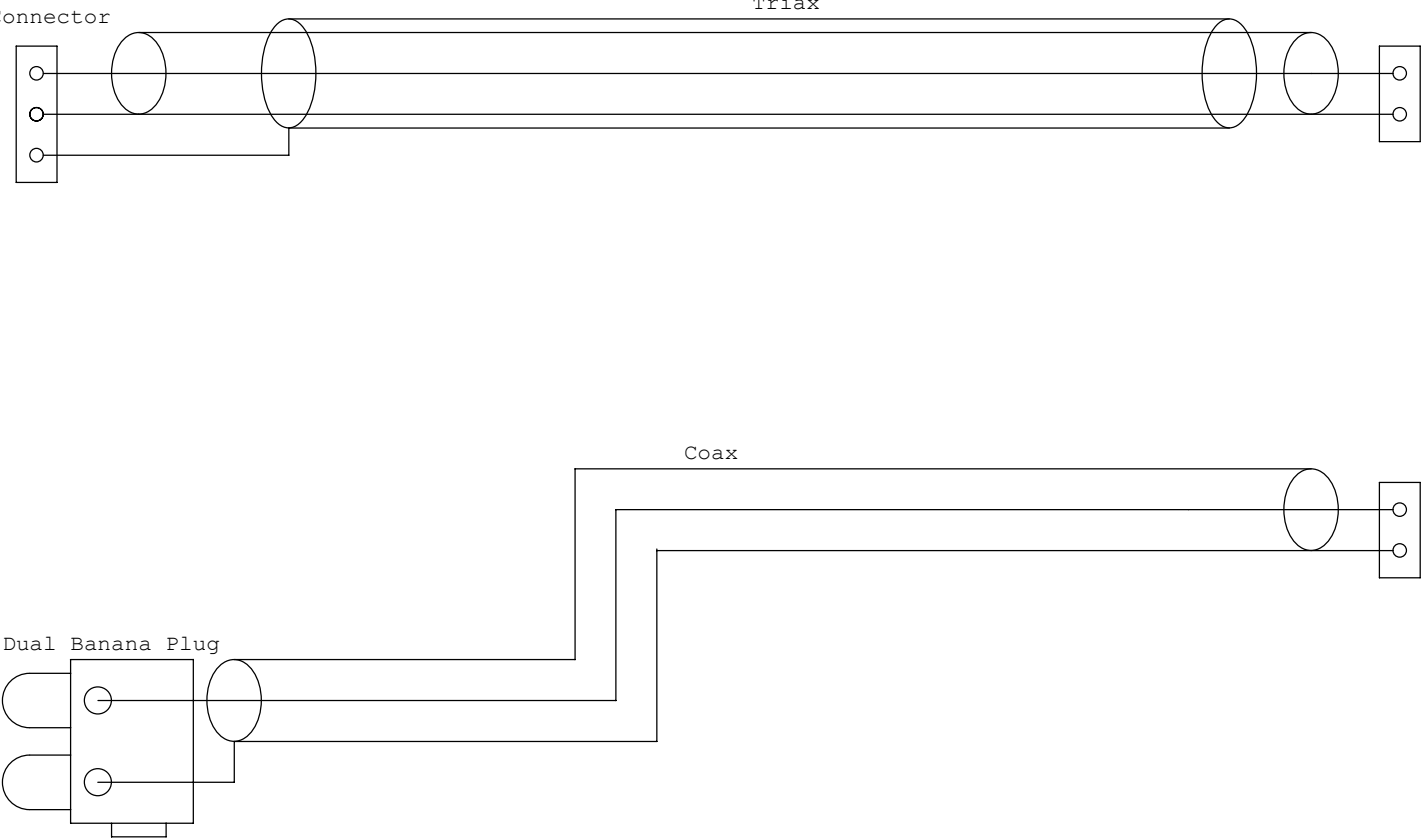
SENSE LO

OUTPUT LO

SHIELD

Output Lo

Chassis Gnd



HYPERTRONICS L-SERIES,  
3-POS. COAX CONNECTOR  
BLOCKS

