



J4 - Amphenol Connector Pinout

Pin	Voltage	Wire colour
A	+Vcore	GRN
B	+Vcore	GRN
C	-Va	BLU
D	SHLD	-
E	+Vah	GRY
F	+Va	YEL
G	+Va	YEL
H	+Va_Ret	BLK
J	nc	-
K	nc	-
L	nc	-
M	+Vcore_Ret	BLK
N	+Vcore_Ret	BLK
P	-Va_Ret	BLK
R	+Vah_Ret	BLK
S	+Va_Ret	BLK
T	+Vd	RED
U	nc	-
V	+Vd_Ret	BLK

Color may vary for early versions.

J4 may be duplicated for extra current capacity

Wire Sizes

- AC 18AWG
- DC Out 16AWG
- DC Sense 24AWG

Shunts Rsh1 - Rsh3
Calculate for expected current.

Title		University of British Columbia	
Linear Power Supply Wiring Diagram		Physics & Astronomy Department	
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