

Appendix A - Connector Pinouts

A. Appendix A - Connector and Cables

A.1. Connector Pinouts for the AO7/CFW8/SCOPE port:

Pin Number	Function
1 NC	Chassis Ground
2 NC	CFW-8 Pulse/AO-7 Data Out
3 GRN	Plus X (Active Low Open Drain) ⁶
4 ORN	Plus Y (Active Low Open Drain)
5 BLU	Signal Ground
6 WHT ORN	Minus X (Active Low Open Drain)
7 WHT GRN	Minus Y (Active Low Open Drain)
8 NC	+12 Volts Out (100mA max shared with I2C AUX)
9 NC	+5 Volts Out (300 mA max shared with I2C AUX)
Shell	Chassis Ground

WEST
NORTH

EAST
SOUTH+

Table A1 Telescope Connector

A.2. Connector Pinouts for the power jack:

Pin Number	Function
6, Shell	Earth Ground
5	DC Ground
4	-12V DC, 100mA
3	No contact
2	+12V DC, 500mA
1	+5V DC, 2A

Table A2 Power Connector Power Jack

A.3. Connector Pinouts for the I2C AUX port:

Pin Number	Function
1	+5V DC (300 mA max shared with AO7/CFW8)
2	No Contact
3	Serial Clock
4	Serial Data
5	Signal Ground
6	No Contact
7	No Contact
8	+12V DC (100mA max shared with AO7/CFW8)

⁶ The Open Drain outputs can sink 100 mA maximum

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