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# NIRSPEC

UCLA Astrophysics Program

U.C. Berkeley

W.M. Keck Observatory

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## NIRSPEC Electronics Application Note 16.00 NIRSPEC Cable List

### 1024 Detector Exterior Cables

<u>Number</u>	<u>Description</u>
613015	1024 <sup>2</sup> Detector Clock Cable (W1)
613016	1024 <sup>2</sup> Detector Clock Cable (W2)
613017	1024 <sup>2</sup> Quadrant 1 & 2 Detector Cable (W6)
613018	1024 <sup>2</sup> Quadrant 3 & 4 Detector Cable (W7)
613019	1024 <sup>2</sup> Bias Cable (W8)
613020	1024 <sup>2</sup> Level Shifter Input Clock Cable (W4)
613021	1024 <sup>2</sup> Level Shifter Input Cable (W26)
613022	1024 <sup>2</sup> Level Shifter Power Cable (W5)
613023	1024 <sup>2</sup> T <sub>end</sub> Test Cable (W3)
613024	1024 <sup>2</sup> Detector Backplane Wiring
613025	1024 <sup>2</sup> Level Shifter Box Interconnect Diagram
613026	Bias Control "Y" Cable (W27)
613027	ADC/Data Acquisition Cable (W28)
613066	Interface Board Command Input Cable (W29)

### 1024 Interior Detector Cables

<u>Number</u>	<u>Description</u>
613014	Nirspec Detector Internal Wiring Diagram

### 256 Detector Exterior Cables

<u>Number</u>	<u>Description</u>
613028	256 <sup>2</sup> SCAM Bias Cable (W19)
613029	256 <sup>2</sup> Level Shifter Power Cable (W17)
613030	256 <sup>2</sup> SCAM PreAmp (W20)
613031	256 <sup>2</sup> SCAM Level Shifter Output Cable (W21)
613032	256 <sup>2</sup> SCAM Level Shifter Input Cable (W18)
613033	256 <sup>2</sup> Level Shifter /DAQ17 Clock Output Cable (W30)
613034	256 <sup>2</sup> Detector Backplane Wiring
613035	256 <sup>2</sup> Level Shifter Box Interconnect Diagram
613066	Interface Board Command Input Cable (W29)
613027	ADC/Data Acquisition Cable (W28)

### **Temperature Cables**

<u>Number</u>	<u>Description</u>
613041	Test Temp Sensor 1 Cable (W9)
613042	Temp Sensor 2 Cable (W10)
613043	Temp Control Cable (W11)
613108	Lakeshore to Housekeeping RJ11 Lakeshore 208/330 Cable (W42)

### **Motor Cables**

<u>Number</u>	<u>Description</u>
613044	Front Motor Driver Box Cable (W31)
613045	Front Motor Drive Cable (W12)
613046	Rear Motor Driver Box Cable (W32)
613047	Rear Motor Drive Cable (W13)
613048	Motor Command/Switch2 Wiring Diagram (W33)
613049	Motor Status Switch 2 Cable (W15)
613050	Motor Command/Switch 1 Wiring Diagram (W34)
613051	Status Switch 1 Cable (W14)

### **Heater Cables**

<u>Number</u>	<u>Description</u>
613052	Getter and Optics Heaters Cable (W16)

### **Calibration Unit Cables**

<u>Number</u>	<u>Description</u>
613053	Calibration Motor Drive Box Cable (W35)
613054	Calibration Motor Drive Cable (W24)
613055	Calibration Motor Status & Lamp Sense Cable (W25)
613056	Calibration Motor Logic Cable (W36)
613057	Interior Arc Lamp Command Cable (W37)
613058	Interior Arc Lamp Drive Cable (W38)
613059	Exterior Arc Lamp Drive Cable (W22)
613060	Arc Lamp Wiring Unit
613061	Interior Halogen Command Cable (W39)
613062	Interior Halogen Drive Cable (W40)
613063	Exterior Halogen Drive Cable (W23)
613064	Halogen Wiring Unit

### **Other Cables**

<u>Number</u>	<u>Description</u>
613065	Computer Controlled Power Strip