



NATIONAL OPTICAL
ASTRONOMY OBSERVATORY

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**MONSOON / TORRENT
WIRING LIST
CABLE, PSM TO Util**

Dwg No.: TRNT-EL-03-0001 Rev: OD

Next Assembly: TRNT-EL-02-0004

Reference Documents:

Wiring: TRNT-EL-04-2001; PSB Schematic
TRNT-EL-04-2009; Trans Util Schematic

LTR	DESCRIPTION	ECR	DATE	BY	APPRVD
OD	Original Issue		7/8/2011	dms	

ITEM	P/N	Manufacturer	DESCRIPTION	QTY
1	DF11-26DS-2C	Hirose	Connector, socket 26 pos 2mm dual crimp (P2)	1
2	RD25F10000-759.1	Positronics	Connector, DB25 crimp contacts with float bushings (contcts included) (P1)	1
3	DF11-2428SCA	Hirose	Contact, 24-28 awg crimp gold (item 1)	25
4			Wire, teflon 24 awg BLK 2.5 inches	2
5			Wire, teflon 24 awg BLU 2.5 inches	1
6			Wire, teflon 24 awg BRN 2.5 inches	1
7			Wire, teflon 24 awg GRN 2.5 inches	1
8			Wire, teflon 24 awg GRY 2.5 inches	1
9			Wire, teflon 24 awg ORG 2.5 inches	1
10			Wire, teflon 24 awg RED 2.5 inches	1
11			Wire, teflon 24 awg VIO 2.5 inches	1
12			Wire, teflon 24 awg WHT 2.5 inches	2
13			Wire, teflon 24 awg YEL 2.5 inches	2
14			Wire, teflon 24 awg WHT/BLK 2.5 inches	2
15			Wire, teflon 24 awg WHT/BLU 2.5 inches	1
16			Wire, teflon 24 awg WHT/BRN 2.5 inches	1
17			Wire, teflon 24 awg WHT/GRN 2.75 inches	1
18			Wire, teflon 24 awg WHT/GRY 2.5 inches	2
19			Wire, teflon 24 awg WHT/ORG 2.5 inches	1
20			Wire, teflon 24 awg WHT/RED 2.5 inches	2
21			Wire, teflon 24 awg WHT/VIO 2.5 inches	1
22			Wire, teflon 24 awg WHT/YEL 2.5 inches	1

NOTES:

- 1) Tool - crimper DF11-TA2428HC
- 2)
- 3)
- 4)

WIRE	AWG/COLOR	LENGTH	STATION	TERMINATION	SIGNAL NAME
1	24 WHT/RED	2.5"	P2-1	P1-19	VHTR-P
2	24 WHT/RED	2.5"	P2-2	P1-20	VHTR-P
3	24 WHT/BLK	2.5"	P2-3	P1-21	VHTR-N
4	24 WHT/BLK	2.5"	P2-4	P1-22	VHTR-N
5	24 BLU	2.5"	P2-5	P1-18	VHTR_LIMIT_P
6	24 WHT/BLU	2.5"	P2-6	P1-17	VHTR_LIMIT_N
7	24 ORG	2.5"	P2-7	P1-16	TSM_SDA_SENSE
8	24 BRN	2.5"	P2-8	P1-15	TSM_SDA_SRC
9	24 YEL	2.5"	P2-9	P1-3	SHUTTER_OPEN
10	24 GRY	2.5"	P2-10	P1-14	TSM_SCL_SRC
11	24 YEL	2.5"	P2-11	P1-2	PREFLASH_ON
12	24 WHT/YEL	2.5"	P2-12	P1-4	SHUTTER_RTN
13	24 WHT	2.5"	P2-13	P1-5	SHUTTER_SENSE_OPEN_P
14	24 WHT/GRY	2.5"	P2-14	P1-6	SHUTTER_SENSE_OPEN_N
15	24 WHT/BRN	2.5"	P2-15	P1-10	TEMP_2
16	24 WHT/ORG	2.5"	P2-16	P1-9	TEMP_1
17	24 WHT	2.5"	P2-17	P1-7	SHUTTER_SENSE_CLOSED_P
18	24 WHT/GRY	2.5"	P2-18	P1-8	SHUTTER_SENSE_CLOSED_N
19	24 BLK	2.5"	P2-19	P1-23	GND
20	24 BLK	2.5"	P2-20	P1-24	GND
21	24 GRN	2.5"	P2-21	P1-11	GNDE
22	24 WHT/GRN	2.75"	P2-22	P1-1	INPWR_SHLD
23	24 VIO	2.5"	P2-23	P1-12	VBB_SRC
24	24 WHT/VIO	2.5"	P2-24	P1-25	VBB_RTN
25	24 RED	2.5"	P2-25	P1-13	VP12
26	NC	2.5"			

