

# NOvA Far Detector Low Voltage Relay Rack

## Front

## Back

Position	Equipment	Voltage*	Power*	Position	Equipment
U-45				U-45	
U-44				U-44	
U-43	Rack Protection	120	120 W	U-43	Rack Protection
U-42				U-42	
U-41	Cable Run Gap			U-41	Cable Run Gap
U-40				U-40	
U-39	DAQ Switch	120	72 W	U-39	Empty
U-38				U-38	Empty
U-37	DCS Switch	120	72 W	U-37	Empty
U-36				U-36	Empty
U-35	TDU	??	??	U-35	Empty
U-34				U-34	Empty
U-33	Empty			U-33	Air Gap
U-32	Empty			U-32	24V Power supplies (Fieldpoint)
U-31				U-31	Power Distribution Block (Fieldpoint)
U-30	Field Point	120	180 W	U-30	Air Gap
U-29				U-29	Air Gap
U-28	Air Gap			U-27	Fan Tray (9 Fan)
U-27	Air Gap			U-26	LV / Sense Cable Connectors
U-26	Fan Tray (9 Fan)	120	120 W	U-25	Air Gap
U-25				U-24	Air Gap
U-24	Wiener PL506 #4	240	2,640 W	U-23	Fan Tray (9 Fan)
U-23				U-22	LV / Sense Cable Connectors
U-22	Power Interrupt panel			U-21	Air Gap
U-21				U-20	Air Gap
U-20	Fan Tray (9 Fan)	120	120 W	U-19	Fan Tray (9 Fan)
U-19				U-18	LV / Sense Cable Connectors
U-18	Wiener PL506 #3	240	2,640 W	U-17	Air Gap
U-17				U-16	Air Gap
U-16	Power Interrupt panel			U-15	Fan Tray (9 Fan)
U-15				U-14	LV / Sense Cable Connectors
U-14	Fan Tray (9 Fan)	120	120 W	U-13	Air Gap
U-13				U-12	Air Gap
U-12	Wiener PL506 #2	240	2,640 W	U-11	Fan Tray (9 Fan)
U-11				U-10	LV / Sense Cable Connectors
U-10	Power Interrupt panel			U-9	Air Gap
U-9				U-8	Air Gap
U-8	Fan Tray (9 Fan)	120	120 W	U-7	Fan Tray (9 Fan)
U-7				U-6	LV / Sense Cable Connectors
U-6	Wiener PL506 #1	240	2,640 W	U-5	Air Gap
U-5				U-4	Air Gap
U-4	Power Interrupt panel			U-3	Fan Tray (9 Fan)
U-3				U-2	LV / Sense Cable Connectors
U-2	Fan Tray (9 Fan)	120	120 W	U-1	Air Gap
U-1	Empty			U-1	Empty

Total: 11,604 W

\*according to doc-db 5087-v1