

NOvA Near Detector High Voltage Relay Rack

Front

Back

Position	Equipment	Voltage	Power
U-44	Rack Protection		
U-43			
U-42	Cable Run Gap		
U-41			
U-40	DAQ Switch	110-240	70 W
U-39			
U-38	DCS Switch	110-240	70 W
U-37			
U-36	Field Point	24VDC	120 W
U-35			
U-34	Air Gap		
U-33			
U-32	Air Gap		
U-31			
U-30	Fan Tray (9 Fan)	110-240	117 W
U-29	Wiener PL506	240	2,530 W
U-28			
U-27	Air Gap		
U-26			
U-25	Air Gap		
U-24			
U-24	Fan Tray (9 Fan)	110-240	117 W
U-23	Wiener PL506	240	2,520 W
U-22			
U-21	Air Gap		
U-20			
U-19	Air Gap		
U-18			
U-18	Fan Tray (9 Fan)	110-240	117 W
U-17	Air Gap		
U-16			
U-16	HV Patch Panel (16 Channel)		
U-15			
U-14	Air Gap		
U-13			
U-13	Fan Tray (9 Fan)	110-240	117 W
U-12	Wiener MPOD ISEG HV (9U)	110-240	600 W
U-11			
U-10			
U-9			
U-8			
U-7			
U-6			
U-5			
U-4			
U-3	Empty		
U-2	Empty		
U-1	Empty		

Position	Equipment
U-44	Rack Protection
U-43	
U-42	Cable Run Gap
U-41	
U-40	Aux. Terminal Block DIN mounted (DB37 Cable routing)
U-39	
U-38	Air Gap
U-37	24V Power supplies (Fieldpoint)
U-36	
U-35	Power Distribution Block (Fieldpoint)
U-34	
U-33	Air Gap
U-32	Air Gap
U-31	Air Gap
U-30	Fan Tray (9 Fan)
U-29	Rear Access
U-28	LV Breaker Panel
U-27	
U-26	Fan Tray (9 Fan)
U-25	
U-24	Rear Access
U-23	LV Breaker Panel
U-22	
U-21	Fan Tray (9 Fan)
U-20	
U-19	Air Gap
U-18	HV Patch Panel Back
U-17	Air Gap
U-16	Fan Tray (9 Fan)
U-15	
U-14	Empty
U-13	Empty
U-12	Empty
U-11	Empty
U-10	Empty
U-9	Empty
U-8	Empty
U-7	Empty
U-6	Empty
U-5	Empty
U-4	Empty
U-3	Empty
U-2	Empty
U-1	Empty

Total: 6,378 W