

# NOvA Far Detector High Voltage Relay Rack

## Front

## Back

Position	Equipment	Voltage*	Power*
U-45	Empty		
U-44	Rack Protection	120	120 W
U-43			
U-42			
U-41	Cable Run Gap		
U-40			
U-39	Empty		
U-38	Empty		
U-37	Empty		
U-36	Empty		
U-35	Empty		
U-34	Empty		
U-33	Empty		
U-32	Empty		
U-31	Empty		
U-30	Empty		
U-29	Empty		
U-28	Empty		
U-27	Empty		
U-26	Empty		
U-25	Empty		
U-24	Empty		
U-23	Empty		
U-22	Empty		
U-21	HV Patch Panel (32 Channel)		
U-20	HV Patch Panel (32 Channel)		
U-19	HV Patch Panel (32 Channel)		
U-18			
U-17	HV Patch Panel (32 Channel)		
U-16			
U-15	Air Gap		
U-14	Air Gap		
U-13	Fan Tray (9 Fan)	120	120 W
U-12	Wiener MPOD HV mainframe 6 ISEG HV cards (9U)	120	1,200 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-45	Empty
U-44	Rack Protection
U-43	
U-42	
U-41	Cable Run Gap
U-40	
U-39	Empty
U-38	Empty
U-37	Empty
U-36	Empty
U-35	Empty
U-34	Empty
U-33	Empty
U-32	Empty
U-31	Empty
U-30	Empty
U-29	Empty
U-28	Empty
U-27	Empty
U-26	Empty
U-25	Empty
U-24	Empty
U-23	Empty
U-22	Empty
U-21	HV Patch Panel Back
U-20	HV Patch Panel Back
U-19	HV Patch Panel Back
U-18	
U-17	HV Patch Panel Back
U-16	
U-15	Air Gap
U-14	Air Gap
U-13	Fan Tray (9 Fan)
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: 1,440 W

\*according to doc-db 5087-v1

\*\*according to the MPOD manual