

	A	B	C	D	E	F	G	H	I	J
1	Number (both linacs)	Component	Sub-Component	Quantity per Cavity	Quantity per Cryomodule	Quantity per 3 CM's	Motors/ Pwr / 3 CM	Instrument Ch. Per 3 CM	Total Machine Motors/ Pwr	Total Machine Instrum- entation
2										
3	2034	Cryomodules	Tesla Cavities	1	8	24				
4			HOM Ports	2	16	48		48		32544
5			TTF3 Couplers + Vac System	1	8	24				
6			Blade Tuners + Shields			24				
7			Piezo Tuners	2	16	48	48		32544	
8			~ 8 Bellows		8	24				
9			Gate Values			2				
10			Beamline HOM Absorber		1	3				
11			Beampipe Vac Port / Pump		2	6	6	6	4068	4068
12			Insulating Vac / Port Pump		2	6	6	6	4068	4068
13			Cold Mass Assembly			1				2034
14		Cryo-Strings	Cryo-String Ends		4	12		12		8136
15	43	Cryo-Segments	Insulating / Beam Vac Isolation		1	3				2034
16	678	Quad Package	Quad Magnet			1	1	1	678	678
17			Cavity BPM			1		1		678
18			X&Y Corrector			2	2	2	1356	1356
19			Lead Assemblies			1				678
20	678	RF System Hardware	Modulator			1				678
21			10 MW Klystron			1			678	678
22			~ 60 m WR650 WG			1				678
23			FE/RE couplers			2			1356	
24			Hi Pwr Attenuators		1	3			2034	
25			Splitters / Loads		8	24			16272	
26			Circulators / Loads		8	24			16272	
27			Remote Phase/Qext Tuner E-H		8	24	48		32544	
28	678	Front End Electronics	Kly/Mod/WG Monitor / Interlocks			1		1		678
29			Cryogenic Monitors			3		3		2034
30			LLRF Modulator & Amplifier			1				678
31			LLRF Signal Processing			1				678
32			RF Fault Detectors / Interlocks			1				678
33			100 A Magnet PS			3				2034
34			BPM Processing Electronics			1				678
35			Vac PS and Monitors			6				4068
36			123 Motor Controllers				123		83394	
37			24 Piezo Controllers		24		24		16272	
38	6	Emittance Stations	4 2D Laser Wires							
39	2	Energy Stations	4 Magnet Chicanes / Coll / Dump							
40	8	Refrigerators	25 kW eqv at 4.2 K (50 MW AC)							
41	1	Water Cooling System	~ 100 MW Capacity at 35 degC							