RHIC CABLE NO.	CABLE NO. BY GROUP	CIRCUIT VOLTAGE	CABLE TYPE	COND. SIZE	FROM LOCATION	FROM DEVICE	TO LOCATION	TO DEVICE	LENGTH FEET	TRAY SECTION	RACK SLACK	SLEEVE	REMARKS
2000	g4-cavsx.1 smpl 1	RF	FLC-38-50J		tunnel	g4-cavsx.1	ctrl rm hlrf	r4act11	300	signal	15		stor.cavity g4-1 pickup #1
2001	g4-cavsx.2 smpl 1	RF	FLC-38-50J		tunnel	g4-cavsx.2	ctrl rm hlrf	r4act11	300	signal	15		stor.cavity g4-2 pickup #1
2002	g4-cavsx.3 smpl 1	RF	FLC-38-50J		tunnel	g4-cavsx.3	ctrl rm hlrf	r4act3	300	signal	15		stor.cavity g4-3 pickup #1
2003	g4-cavsx.4 smpl 1	RF	FLC-38-50J		tunnel	g4-cavsx.4	ctrl rm hlrf	r4act3	300	signal	15		stor.cavity g4-3 pickup #1
2004	g4-cavsx.1 forw.tetr.	RF	FLC-38-50J		tunnel	g4-cavsx.1	ctrl rm hlrf	r4act11	300	signal	15		stor.cavity g4-1 forw.tetrode power
2005	g4-cavsx.2 forw.tetr	RF	FLC-38-50J		tunnel	g4-cavsx.2	ctrl rm hlrf	r4act11	300	signal	15		stor.cavity g4-2 forw.tetrode power
2006	g4-cavsx.3 forw.tetr.	RF	FLC-38-50J		tunnel	g4-cavsx.3	ctrl rm hlrf	r4act3	300	signal	15		stor.cavity g4-3 forw.tetrode power
2007	g4-cavsx.4 forw.tetr.	RF	FLC-38-50J		tunnel	g4-cavsx.4	ctrl rm hlrf	r4act3	300	signal	15		stor.cavity g4-4 forw.tetrode power
2008	g4-cavsx.1 rev.tetr.	RF	FLC-38-50J		tunnel	g4-cavsx.1	ctrl rm hlrf	r4act11	300	signal	15		stor.cavity g4-1 rev.tetrode power
2009	g4-cavsx.2 rev.tetr.	RF	FLC-38-50J		tunnel	g4-cavsx.2	ctrl rm hlrf	r4act11	300	signal	15		stor.cavity g4-2 rev.tetrode power
2010	g4-cavsx.3 rev.tetr.	RF	FLC-38-50J		tunnel	g4-cavsx.3	ctrl rm hlrf	r4act3	300	signal	15		stor.cavity g4-3 rev.tetrode power
2011	g4-cavsx.4 rev.tetr.	RF	FLC-38-50J		tunnel	g4-cavsx.4	ctrl rm hlrf	r4act3	300	signal	15		stor.cavity g4-4 rev.tetrode power
2012	g4-cavsx.1 forw.inp.	RF	FLC-38-50J		tunnel	g4-cavsx.1	ctrl rm hlrf	r4act11	300	signal	15		stor.cavity g4-1 forw.input power
2013	g4-cavsx.2 forw.inp	RF	FLC-38-50J		tunnel	g4-cavsx.2	ctrl rm hlrf	r4act11	300	signal	15		stor.cavity g4-2 forw.input power
2014	g4-cavsx.3 forw.inp.	RF	FLC-38-50J		tunnel	g4-cavsx.3	ctrl rm hlrf	r4act3	300	signal	15		stor.cavity g4-3 forw.input power
2015	g4-cavsx.4 forw.inp.	RF	FLC-38-50J		tunnel	g4-cavsx.4	ctrl rm hlrf	r4act3	300	signal	15		stor.cavity g4-4 forw.input power
2016	g4-cavsx.1 refl.inp.	RF	FLC-38-50J		tunnel	g4-cavsx.1	ctrl rm hlrf	r4act11	300	signal	15		stor.cavity g4-1 rev.input power
2017	g4-cavsx.2 refl.inp.	RF	FLC-38-50J		tunnel	g4-cavsx.2	ctrl rm hlrf	r4act11	300	signal	15		stor.cavity g4-2 rev.input power
2018	g4-cavsx.3 refl.inp.	RF	FLC-38-50J		tunnel	g4-cavsx.3	ctrl rm hlrf	r4act3	300	signal	15		stor.cavity g4-3 rev.input power
2019	g4-cavsx.4 refl.inp.	RF	FLC-38-50J		tunnel	g4-cavsx.4	ctrl rm hlrf	r4act3	300	signal	15		stor.cavity g4-4 rev.input power
2020	g4-cavsx.1 driver	RF	FLC-38-50J		tunnel	g4-cavsx.1	ps rm	r4a12	250	signal	15		stor.cavity g4-1 drive
2021	g4-cavsx.2 driver	RF	FLC-38-50J		tunnel	g4-cavsx.2	ps rm	r4a11	250	signal	15		stor.cavity g4-2 drive
2022	g4-cavsx.3 driver.	RF	FLC-38-50J		tunnel	g4-cavsx.3	ps rm	r4a62	250	signal	15		stor.cavity g4-3 drive
2023	g4-cavsx.4 driver	RF	FLC-38-50J		tunnel	g4-cavsx.4	ps rm	r4a61	250	signal	15		stor.cavity g4-4 drive
2024	g4-cavsx.1 5w driver	RF	FLC-38-50J		ctr rm llrf	r4act14	ps rm	r4a12	200	signal	15		stor.cavity g4-1 5w drive
2025	g4-cavsx.2 5w driver	RF	FLC-38-50J		ctr rm llrf	r4act14	ps rm	r4a11	200	signal	15		stor.cavity g4-2 5w drive
2026	g4-cavsx.3 5w driver.	RF	FLC-38-50J		ctr rm llrf	r4act26	ps rm	r4a62	200	signal	15		stor.cavity g4-3 5w drive
2027	g4-cavsx.4 5w driver	RF	FLC-38-50J		ctr rm llrf	r4act26	ps rm	r4a61	200	signal	15		stor.cavity g4-4 5w drive
2028	g4-cavsx.1 grid bias	300v dc	RG214		tunnel	g4-cavsx.1	ps rm	r4a12	250	signal	15		stor.cavity g4-1 pa grid bias
2029	g4-cavsx.2 grid bias	300v dc	RG214		tunnel	g4-cavsx.2	ps rm	r4a11	250	signal	15		stor.cavity g4-2 pa grid bias
2030	g4-cavsx.3 grid bias	300v dc	RG214		tunnel	g4-cavsx.3	ps rm	r4a62	250	signal	15		stor.cavity g4-3 pa grid bias
2031	g4-cavsx.4 grid bias	300v dc	RG214		tunnel	g4-cavsx.4	ps rm	r4a61	250	signal	15		stor.cavity g4-4 pa grid bias
2032	g4-cavsx.1 anode&sc	10kv dc	RG219		tunnel	g4-cavsx.1	ps rm	r4a12	250	HV	15		stor.cavity g4-1 pa anode &screen
2033	g4-cavsx.2 anode&sc	10kv dc	RG219		tunnel	g4-cavsx.2	ps rm	r4a11	250	HV	15		stor.cavity g4-2 pa anode&screen
2034	g4-cavsx.3 anode&sc	10kv dc	RG219		tunnel	g4-cavsx.3	ps rm	r4a62	250	HV	15		stor.cavity g4-3 pa anode&screen
2035	g4-cavsx.4 anode&scr	10kv dc	RG219		tunnel	g4-cavsx.4	ps rm	r4a61	250	HV	15		stor.cavity g4-4 pa anode&screen
2036	g4-cavsx.1 filament	480v ac	10/3 THHN		tunnel	g4-cavsx.1	ps rm	r4a12	250	ac	15		stor.cavity g4-1 pa filament
2037	g4-cavsx.2 filament	480v ac	10/3 THHN		tunnel	g4-cavsx.2	ps rm	r4a11	250	ac	15		stor.cavity g4-2 pa filament
2038	g4-cavsx.3 filament	480v ac	10/3 THHN		tunnel	g4-cavsx.3	ps rm	r4a62	250	ac	15		stor.cavity g4-3 pa filament
2039	g4-cavsx.4 filament	480v ac	10/3 THHN		tunnel	g4-cavsx.4	ps rm	r4a61	250	ac	15		stor.cavity g4-4 pa filament
2040	g4-cavsx.1 conn.box to PLC	signal	26pair#22PL		tunnel	g4-cavsx.1	ps rm	r4a12	250	signal	15		stor.cavity g4-1 PLC&tuner conn.
2041	g4-cavsx.2 conn.box toPLC	signal	26pair#22PL		tunnel	g4-cavsx.2	ps rm	r4a11	250	signal	15		stor.cavity g4-2 PLC&tuner conn.
2042	g4-cavsx.3 conn.box to PLC	signal	26pair#22PL		tunnel	g4-cavsx.3	ps rm	r4a62	250	signal	15		stor.cavity g4-3 PLC&tuner conn.
2043	g4-cavsx.4 conn.box to PLC	signal	26pair#22PL		tunnel	g4-cavsx.1	ps rm	r4a61	250	signal	15		stor.cavity g4-4 PLC&tuner conn.
2044	g4-cavsx.1 conn.box to servo	signal	26pair#22PL		tunnel	g4-cavsx.1	ps rm	r4a12	250	signal	15		stor.cavity g4-1 PLC&tuner conn.
2045	g4-cavsx.2 conn.box to servo	signal	26pair#22PL		tunnel	g4-cavsx.2	ps rm	r4a11	250	signal	15		stor.cavity g4-2 PLC&tuner conn.
2046	g4-cavsx.3 conn.box to servo	signal	26pair#22PL		tunnel	g4-cavsx.3	ps rm	r4a62	250	signal	15		stor.cavity g4-3 PLC&tuner conn.
2047	g4-cavsx.4 conn.box to servo	signal	26pair#22PL		tunnel	g4-cavsx.4	ps rm	r4a61	250	signal	15		stor.cavity g4-4 PLC&tuner conn.
2048	g4-cavsx.1 conn.box to NIM	signal	15pair#22PL		tunnel	g4-cavsx.1	ctr rm hlrf	r4act11	300	signal	15		stor.cavity g4-1 NIM intface conn.
2049	g4-cavsx.2 conn.box to NIM	signal	15pair#22PL		tunnel	g4-cavsx.2	ctr rm hlrf	r4act11	300	signal	15		stor.cavity g4-2 NIM intface conn.
2050	g4-cavsx.3 conn.box to NIM	signal	15pair#22PL		tunnel	g4-cavsx.3	ctr rm hlrf	r4act3	300	signal	15		stor.cavity g4-3 NIM intface conn.
2051	g4-cavsx.4 conn.box to NIM	signal	15pair#22PL		tunnel	g4-cavsx.4	ctr rm hlrf	r4act3	300	signal	15		stor.cavity g4-4 NIM intface conn.
2052	g4-cavsx.1 NIM to driver	signal	15pair#22PL		tunnel	g4-cavsx.1-drv	ctr rm hlrf	r4act11	300	signal	15		stor.cavity g4-1 driver to NIM
2053	g4-cavsx.2 NIM to driver	signal	15pair#22PL		tunnel	g4-cavsx.2-drv	ctr rm hlrf	r4act11	300	signal	15		stor.cavity g4-2 driver to NIM
2054	g4-cavsx.3 NIM to driver	signal	15pair#22PL		tunnel	g4-cavsx.3-drv	ctr rm hlrf	r4act3	300	signal	15		stor.cavity g4-3 driver to NIM
2055	g4-cavsx.4 NIM to driver	signal	15pair#22PL		tunnel	g4-cavsx.4-drv	ctr rm hlrf	r4act3	300	signal	15		stor.cavity g4-4 driver to NIM
2056	g4-cavsx.1 power rack-driver	signal	26pair#22PL		tunnel	g4-cavsx.1-drv	ps rm	r4a12	250	signal	15		stor.cavity g4-1 driver-power rack
2057	g4-cavsx.2 power rack-driver	signal	26pair#22PL		tunnel	g4-cavsx.2-drv	ps rm	r4a11	250	signal	15		stor.cavity g4-2 driver-power rack
2058	g4-cavsx.3 power rack-driver	signal	26pair#22PL		tunnel	g4-cavsx.3-drv	ps rm	r4a62	250	signal	15		stor.cavity g4-3 driver-power rack
2059	g4-cavsx.4 power rack-driver	signal	26pair#22PL		tunnel	g4-cavsx.4-drv	ps rm	r4a61	250	signal	15		stor.cavity g4-4 driver-power rack
2060	ground wire- one per cavity	signal	4/0-THHN		tunnel	all cavities	ps rm	all h.v. ps	300	gnd			gound wire
2061	g4-cavsx.1 analog vacuum	signal	2cond#18		ps rm	junct box A	ctr rm hlrf	r4act11	125	signal	15		g4-cavsx.1 analog vacuum
2062	g4-cavsx.2 analog vacuum	signal	2cond#18		ps rm	junct box A	ctr rm hlrf	r4act11	125	signal	15		g4-cavsx.2 analog vacuum
2063	g4-cavsx.3 analog vacuum	signal	2cond#18		ps rm	junct box A	ctr rm hlrf	r4act3	125	signal	15		g4-cavsx.3 analog vacuum
2064	g4-cavsx.4 analog vacuum	signal	2cond#18		ps rm	junct box A	ctr rm hlrf	r4act3	125	signal	15		g4-cavsx.4 analog vacuum
2065	g4-cavsx.1 digital vacuum	signal	2cond#18		ps rm	junct box B	ctr rm hlrf	r4act11	125	signal	15		g4-cavsx.1 digital vacuum
2066	g4-cavsx.2 digital vacuum	signal	2cond#18		ps rm	junct box B	ctr rm hlrf	r4act11	125	signal	15		g4-cavsx.2 digital vacuum
2067	g4-cavsx.3 digital vacuum	signal	2cond#18		ps rm	junct box B	ctr rm hlrf	r4act3	125	signal	15		g4-cavsx.3 digital vacuum
2068	g4-cavsx.4 digital vacuum	signal	2cond#18		ps rm	junct box B	ctr rm hlrf	r4act3	125	signal	15		g4-cavsx.4 digital vacuum
2069	g4-cavsx.1 5w driver pick-up	RF	FLC-38-50J		ctr rm llrf	r4act3	ps rm	r4a12	200	control	15		stor.cavity g4-1 5w drive pick-up
2070	g4-cavsx.2 5w driver pick-up	RF	FLC-38-50J		ctr rm llrf	r4act3	ps rm	r4a11	200	control	15		stor.cavity g4-2 5w drive pick-up
2071	g4-cavsx.3 5w driver pick-up	RF	FLC-38-50J		ctr rm llrf	r4act11	ps rm	r4a62	200	control	15		stor.cavity g4-3 5w drive pick-up
2072	g4-cavsx.4 5w driver pick-up	RF	FLC-38-50J		ctr rm llrf	r4act11	ps rm	r4a61	200	control	15		stor.cavity g4-4 5w drive pick-up

CABLES FOR 197MHz SYSTEMS -COMMON AREA