

LCLS Magnet Device Names for LI21

LCLS Linac Sector 21 Magnet Devices

- [Linac Beamline Design Optics Files](#)
- [Optics File Comparison](#)
- [SLC Database Files](#)
- [Network Nodes by Location](#)
- [Magnet Database Channel Attributes](#)
- [Magnet Controls Application Programmers Interface Guide \(API\)](#)

These names are subject to change. The devices highlighted in *red* indicate an existing magnet with existing controls.

Area	MAD Name	Z-Position	EPICS Device Name	SLC Device Name	Comment
	XC11	2035.488563	XCOR:LI21:101	XCOR:LM21:101	X-band feedback
	YC11	2035.488563	YCOR:LI21:102	YCOR:LM21:102	
	QA11	2037.991781	QUAD:LI21:131	QUAD:LM21:131	
	XCA11	2038.532676	XCOR:LI21:135	XCOR:LM21:135	
	YCA11	2038.532676	YCOR:LI21:136	YCOR:LM21:136	X-band feedback
	QA12	2041.035881	QUAD:LI21:161	QUAD:LM21:161	
	XCA12	2041.492665	XCOR:LI21:165	XCOR:LM21:165	
	YCA12	2041.492665	YCOR:LI21:166	YCOR:LM21:166	
	YC21203	2043.499904	-	YCOR:LI21:203	
	XC21202	2043.787475	-	XCOR:LI21:202	
	XCM11	2044.7582	XCOR:LI21:191	XCOR:LM21:191	
	YCM11	2044.7582	YCOR:LI21:192	YCOR:LM21:192	
	Q21201	2045.4364	-	QUAD:LI21:201	
	QM11	2045.9063	QUAD:LI21:211	QUAD:LM21:211	
	BX11	2046.189701	BEND:LI21:215	BEND:LM21:215	BX11-14
	BX11	2046.189701	BTRM:LI21:215	BTRM:LM21:215	Trim Coil
	CQ11	2046.589878	QUAD:LI21:221	QUAD:LM21:221	
	BX12	2048.8278	BEND:LI21:231	BEND:LM21:231	BX11-14
	BX13	2049.8612	BEND:LI21:241	BEND:LM21:241	BX11-14
	BX13	2049.8612	BTRM:LI21:241	BTRM:LM21:241	
	CQ12	2052.099122	QUAD:LI21:251	QUAD:LM21:251	
	BX14	2052.4993	BEND:LI21:261	BEND:LM21:261	BX11-14
	BX14	2052.4993	BTRM:LI21:261	BTRM:LM21:261	Trim Coil
	QM12	2052.97835	QUAD:LI21:271	QUAD:LM21:271	
	XCM13	2053.28235	XCOR:LI21:275	XCOR:LM21:275	feedback
	YCM12	2053.28235	YCOR:LI21:276	YCOR:LM21:276	feedback
	QM13	2053.649128	QUAD:LI21:278	QUAD:LM21:278	
	XC21302	2056.937	XCOR:LI21:302	XCOR:LM21:302	feedback
	YC21303	2057.2812	YCOR:LI21:302	YCOR:LM21:303	feedback
	Q21301	2057.855466	-	QUAD:LI21:301	
	QM14	2059.015	QUAD:LI21:315	QUAD:LM21:315	
	XCM14	2059.2973	XCOR:LI21:325	XCOR:LM21:325	
	YCM15	2059.6487	YCOR:LI21:325	YCOR:LM21:325	
	QM15	2064.29905	QUAD:LI21:335	QUAD:LM21:335	
	Q21401	2070.55525	-	QUAD:LI21:401	
	XC21402	2073.59935	-	XCOR:LM21:402	
	YC21403	2076.64345	-	YCOR:LI21:403	
	Q21501	2082.89965	-	QUAD:LI21:501	
	XC2150	2085.94375	-	XCOR:LI21:502	
	YC21503	2088.98785	-		
	Q21601	2095.24405	-	QUAD:LI21:601	
	XC21602	2098.28815	-	XCOR:LI21:602	
	YC21603	2101.33225	-	YCOR:LI21:603	
	Q21701	2107.58845	-	QUAD:LI21:701	
	XC21702	2110.63255	-	XCOR:LI21:702	
	YC21703	2113.67665	-	YCOR:LI21:703	
	Q21801	2119.93285	-	QUAD:LI21:801	
	XC21802	2122.97695	-	XCOR:LM21:802	
	YC21803	2126.02105	-	YCOR:LI21:803	
	XC21900	2130.9939	-	XCOR:LI21:900	
	YC21900	2130.9939	-	YCOR:LI21:900	

	Q21901	2135.12205	-	QUAD:LI21:901	
			-	LGPS:LI21:1	Q21201-Q21901 Bulk
			LGPS:LI21:2	LGPS:LM21:2	S20 MCOR-3 Bulk