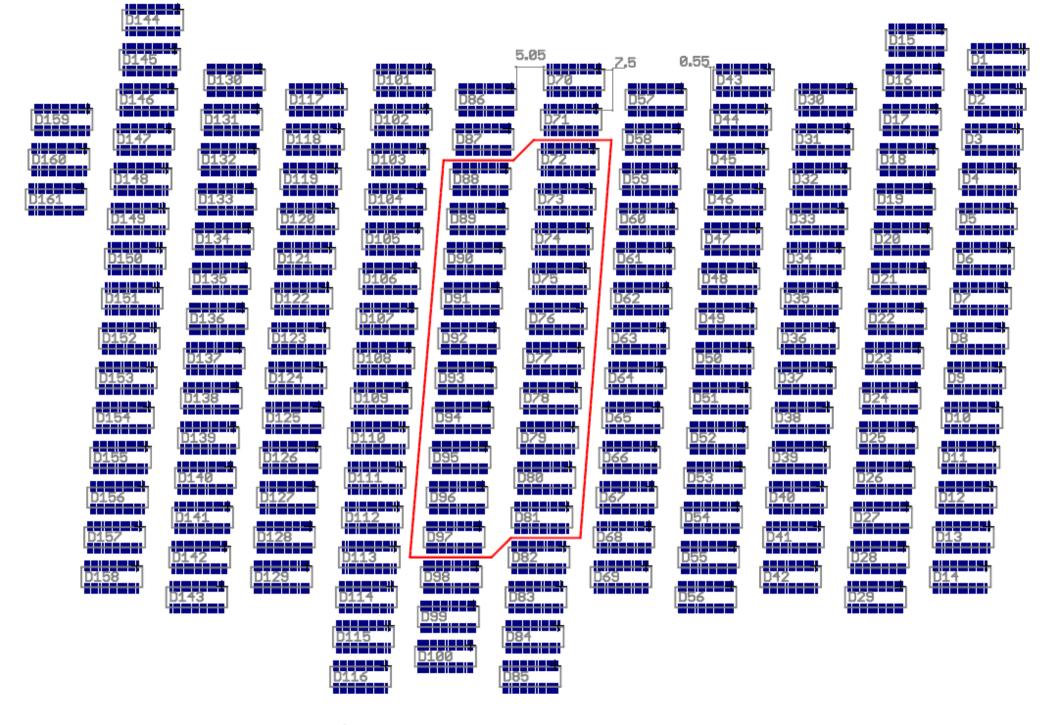
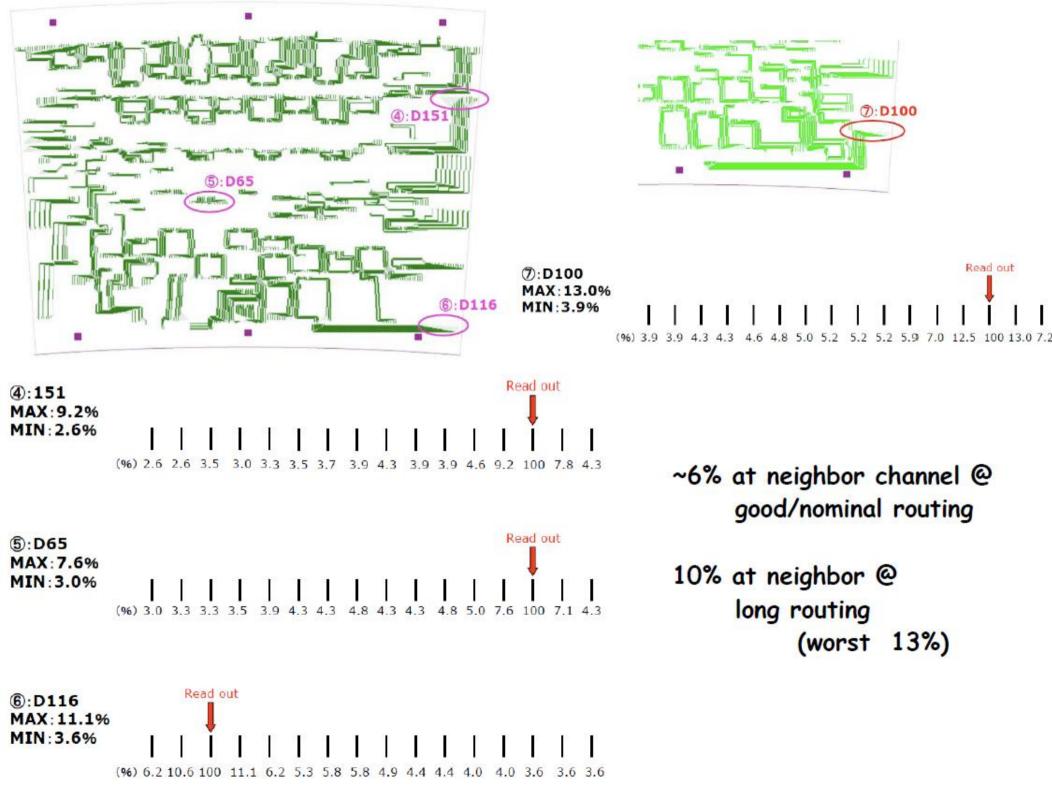
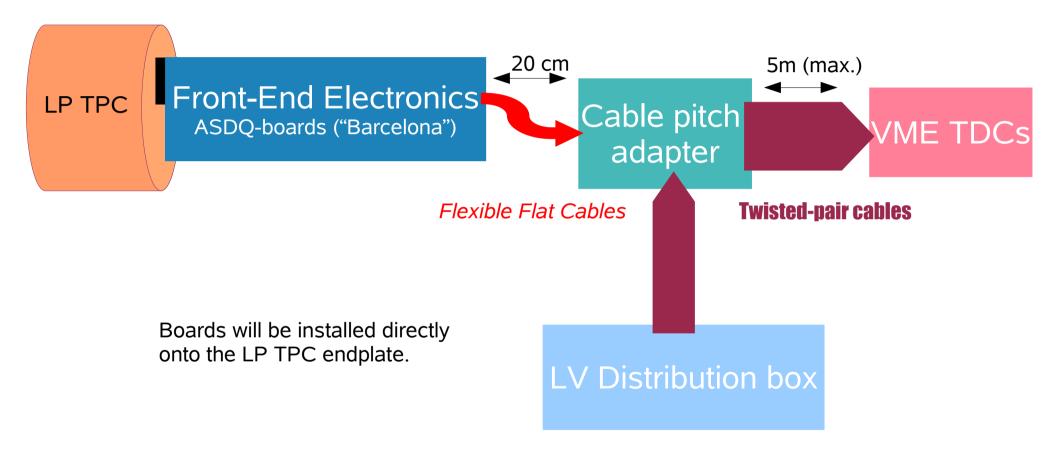
	p15 p1		£193 £138		D52	97 Q		98đ		191 <i>d</i>		D117			p159 p144		
Đ1		p15	95ď	Д43	. D57	97 d		98ď		P101		D117	p 130		P159 P144		
p2		£116	p 31	P 44	\$5Q	D71		78 d		D102		D118	p131		1Q 0	D160	
Ф2		£116	. D31	D 44	. D58	071	<i>D</i> 71		78 <i>0</i>		£i1.02		p131 p118		(d D	D160	
ed .		717	ps2	Д45	ead	270	22 d		88ď		p103		p132		1 р1	P161	
	eq	D17	P 32	D 45	pse	272	D 72		88đ		1)103		D132)146	0161 p146		
	Д4	P18	P33	Д46	99C	23	тд евд		Д104		P120		p133	147	51 D	£ 115	
	Д4	81 d	EEQ*	D46	99đ	273	£2đ		68ď		1)104		£133	0147	D151 D14		
	ađ	p 19	D 34	D47	£61	174	d eed			£1.05		D121	£134	0148	52 £	. p1	
	ad	61 d	рз4 р19			<i></i> ₽74		oed*		D105		p134 p121		0148	.52 f	P1	
	9 . p6		asd*	D48	D 62	azđ		pet_		£11.06		35 p122		D149	t ssi	£153	
	9 C	D20	g8 0 t	Д48	£162	920	1	рэт		101.06		P122	Д135	D149	153 .	: Q	
	7 7	D 21	- p36	P 49	£9¢	921	d t			70107		P 123	D 136	D150	154	P	
	4 7	D21	- D36	д63 р49		92đ		D 92		.p107		P 123	D 136	D150	P154		
	8ď	D22	D37	£050	D64		1777		еец.		p108		P124	£137	0155	4	
	8 d	D 22	D 37	bed	£64		ZZQ		880	1	108	φ.	D 124	P137	D155		
Ī	eđ	p 23	p38	P51	p65		870	1	94	đ.	e0.	pı	D 125	P138	D 156		
Ī	eđ	p 23	88.đ	D 51	£9d		82đ		994	1	109	q.	D 125	D 138	D156		
D 10		P24	еед	D 52	990	ļ.	620	1	95	q.	D110		P126	P139	D157	p157	
D10		<i>D</i> 24	еед		D66		62 <i>0</i> *				110	Ф	D 126	£139	D157	D157	
D11		£25	D40	рвз	. 790	79Q		ø8đ		96ď		ΣQ.	D 127	D 140	p 158	p 158	
	D11	£25	P40	рва	p67	78Q		98 ₫		96đ		4	D127	D 140	p158	p158	
p12		£26	Д41	р54 .	. 890	89 d		. Д81		7eq		ф	р128	D141	sed	sed	
		£26	D41	р54	. 890	89đ		D 81		ps7		1	D 128	D141	580	280	
P13		D 27	D42	, aaq	T 690)82		L sec		1	113	Q.	p 129	D 142	D188	p100	
P13		D 27	Д42	. eaq	. 690	-	1 982		. sec		0113	1	p 129	D 142	D100	D100	
	D14	p28		1 990	184	1	880	ļ	eeq		1114	1	D 115	P143	£116		
P14		р28	p29 .) 95d	184	д84		£8đ		eed		1	D115	P143	D116		

640 Channels (20 Barcelona boards)

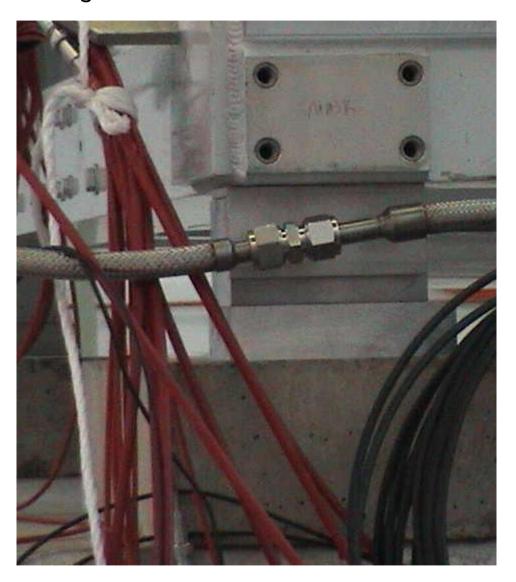


View on connectors

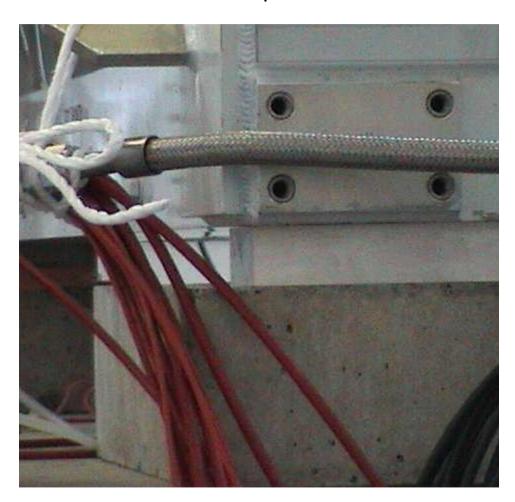


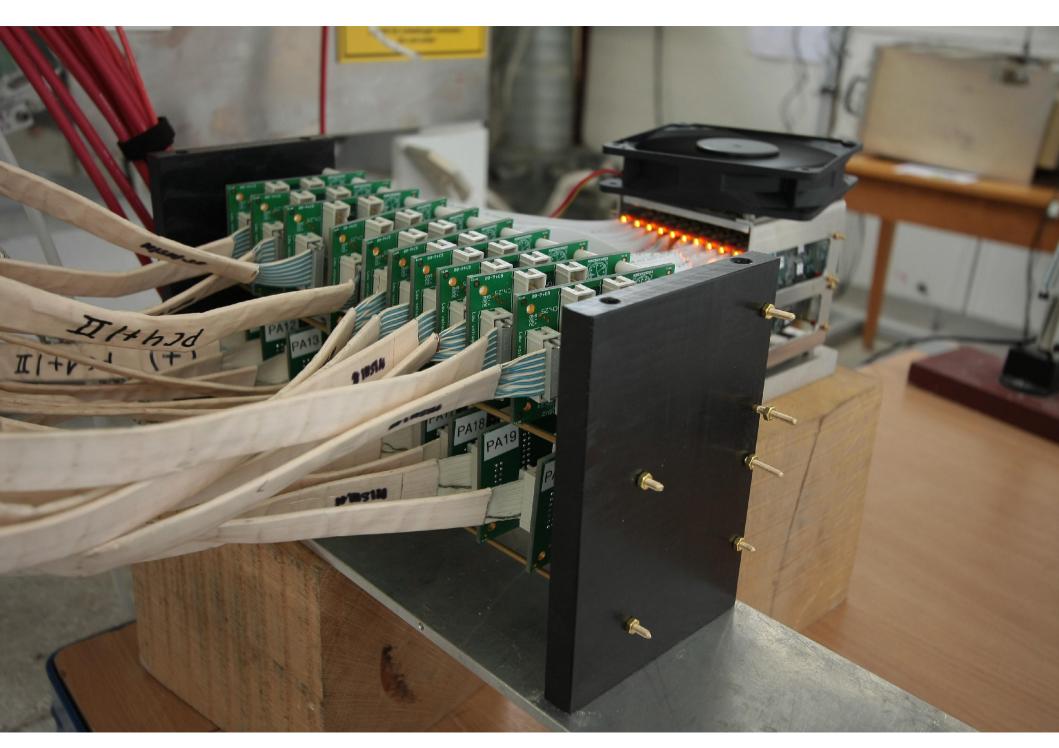


PCMAG vertical position during measurements with 3 JGEMs Panels



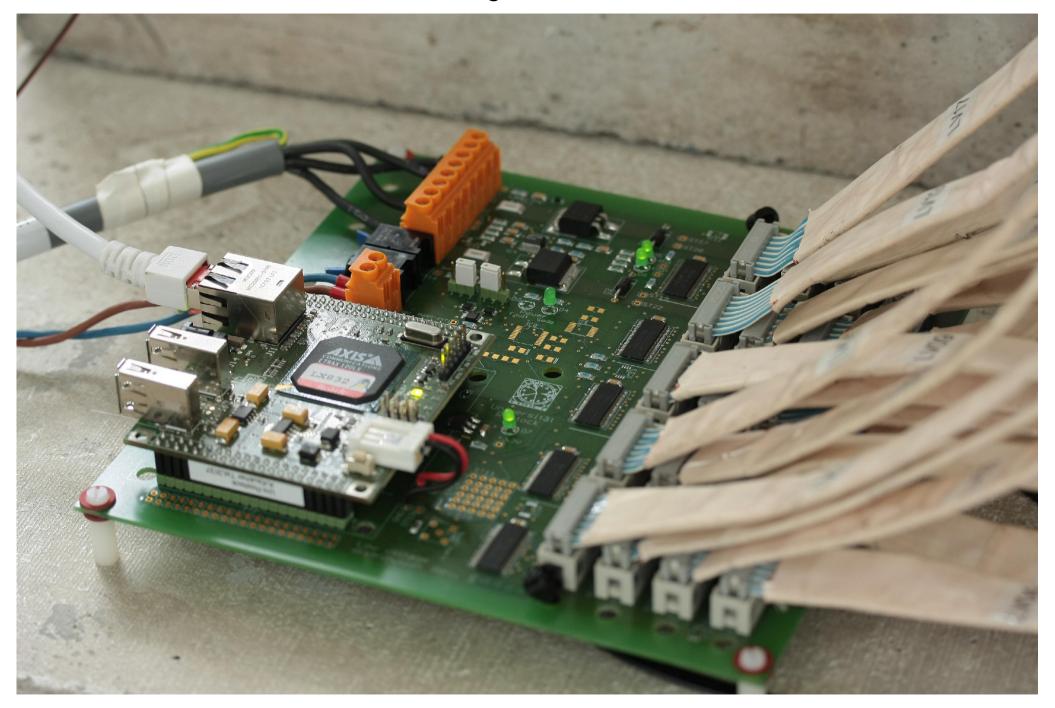
Current position



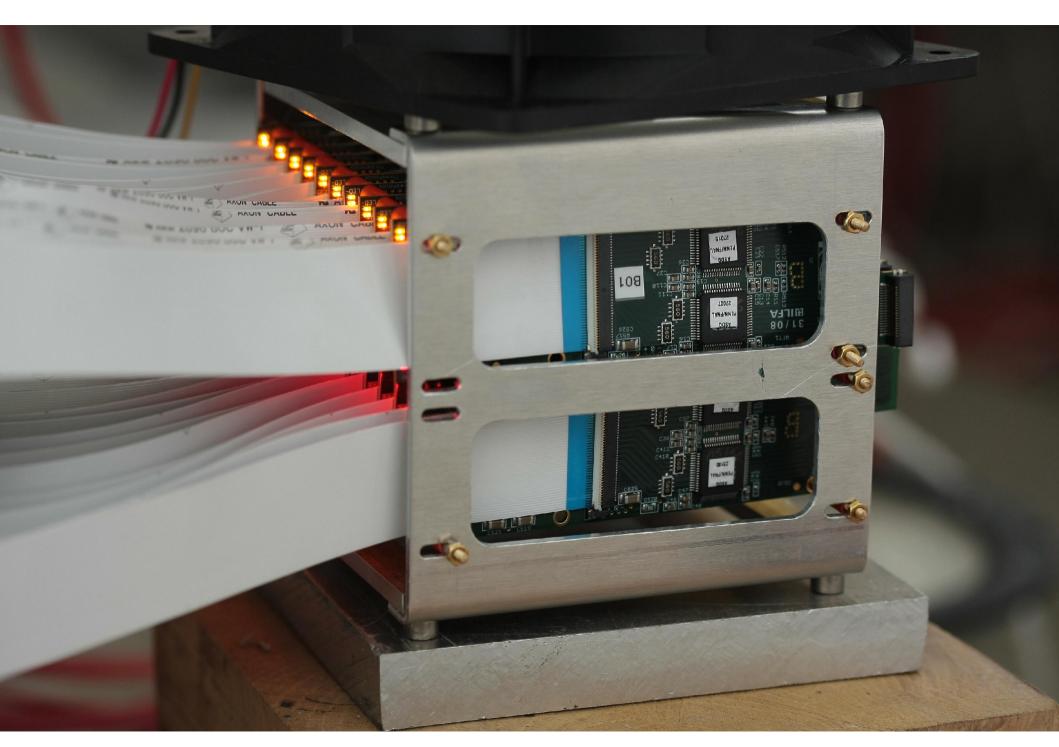


Low voltage test

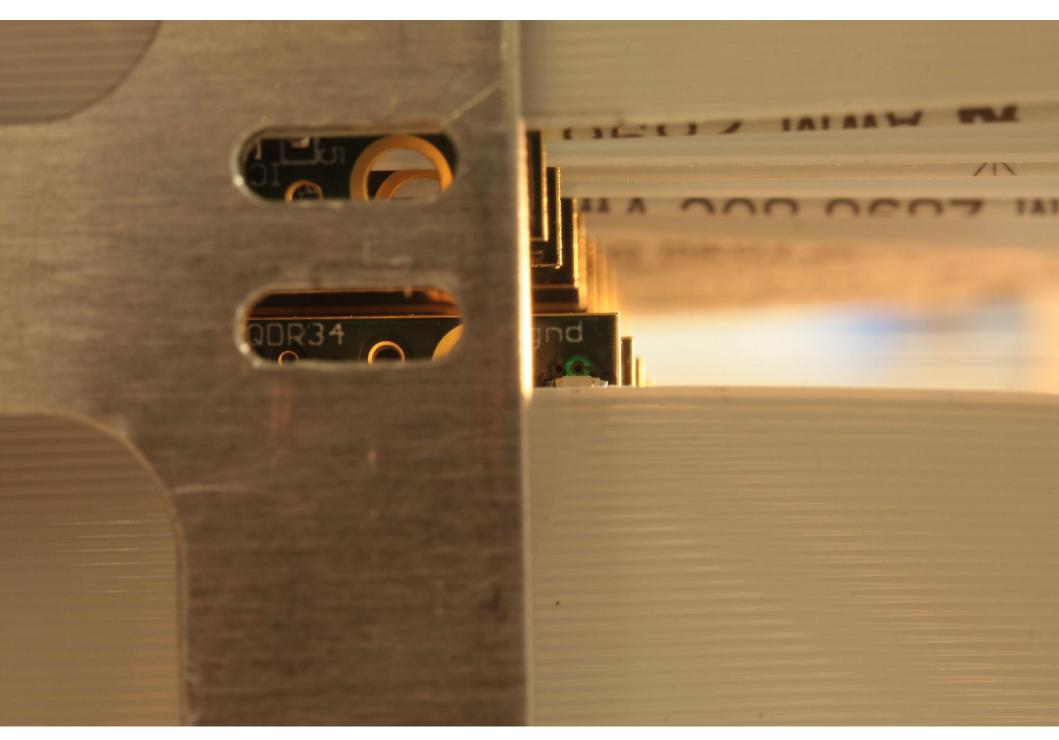
Low Voltage distribution board



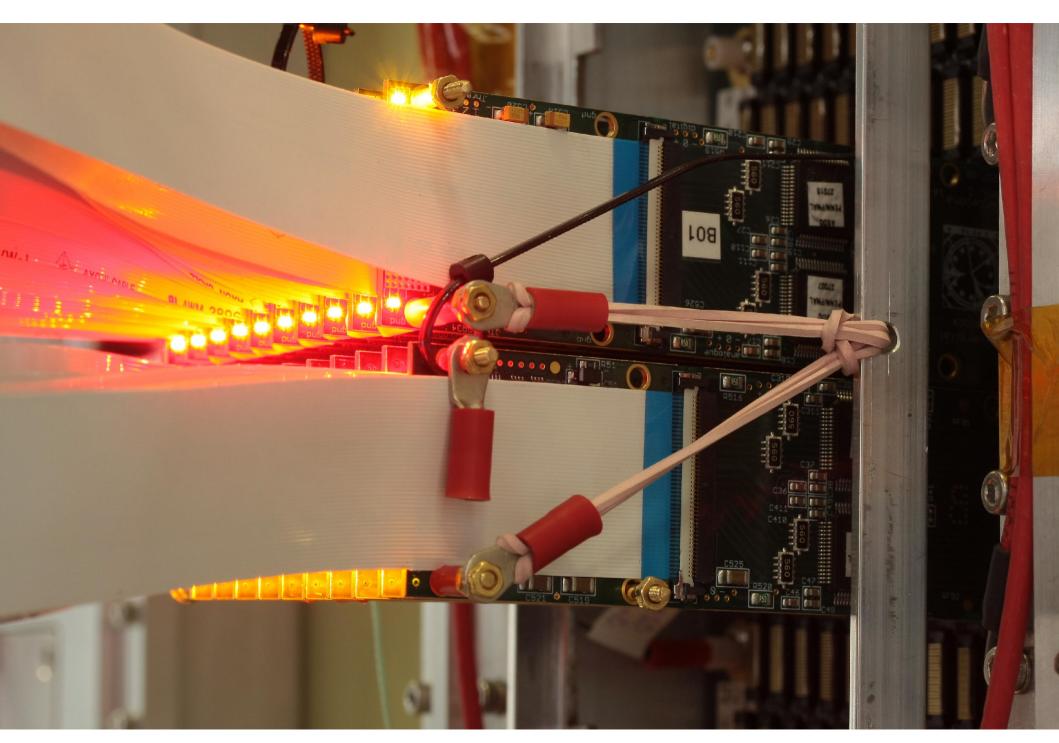
Power consumption of 20 Barcelona boards: ~5.4A(+3volt) and ~7A(-3 volt)



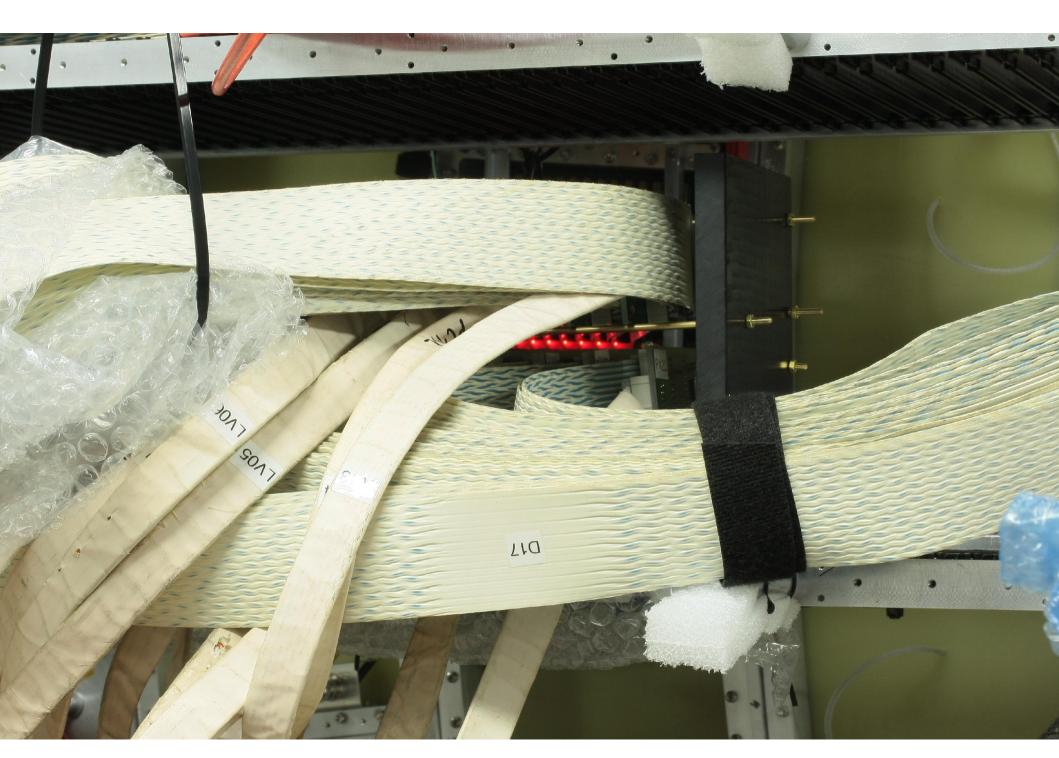
Barcelona board B09: cable displaced during assembly – no LV control available



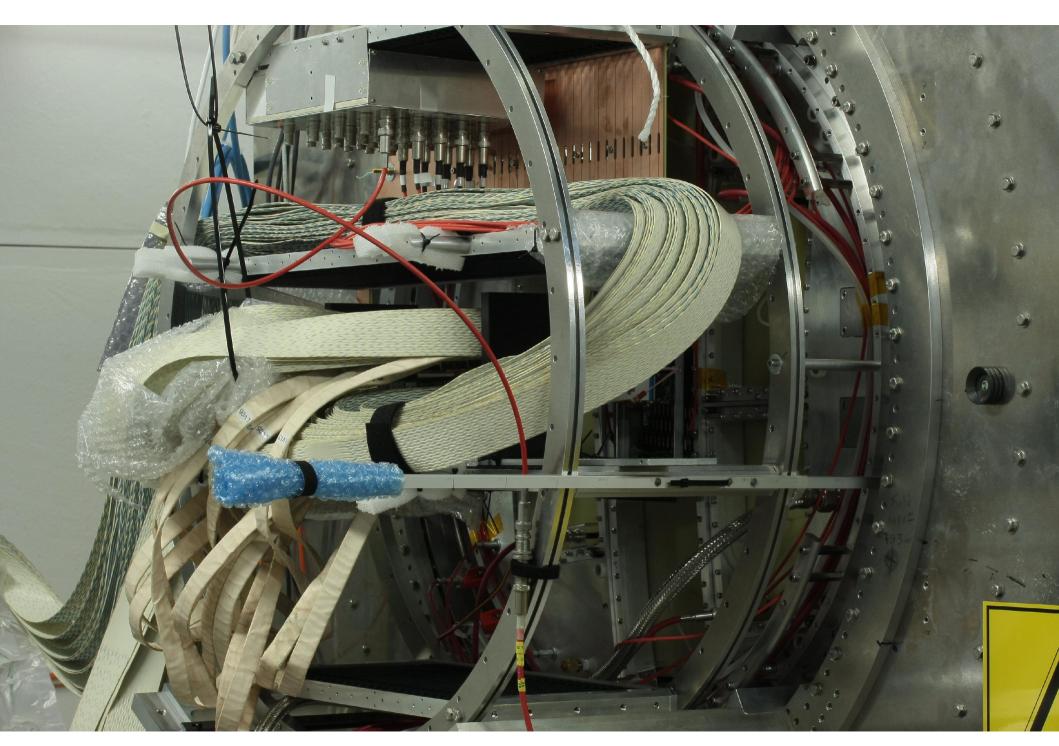
10 Barcelona boards connected to the GEM panel



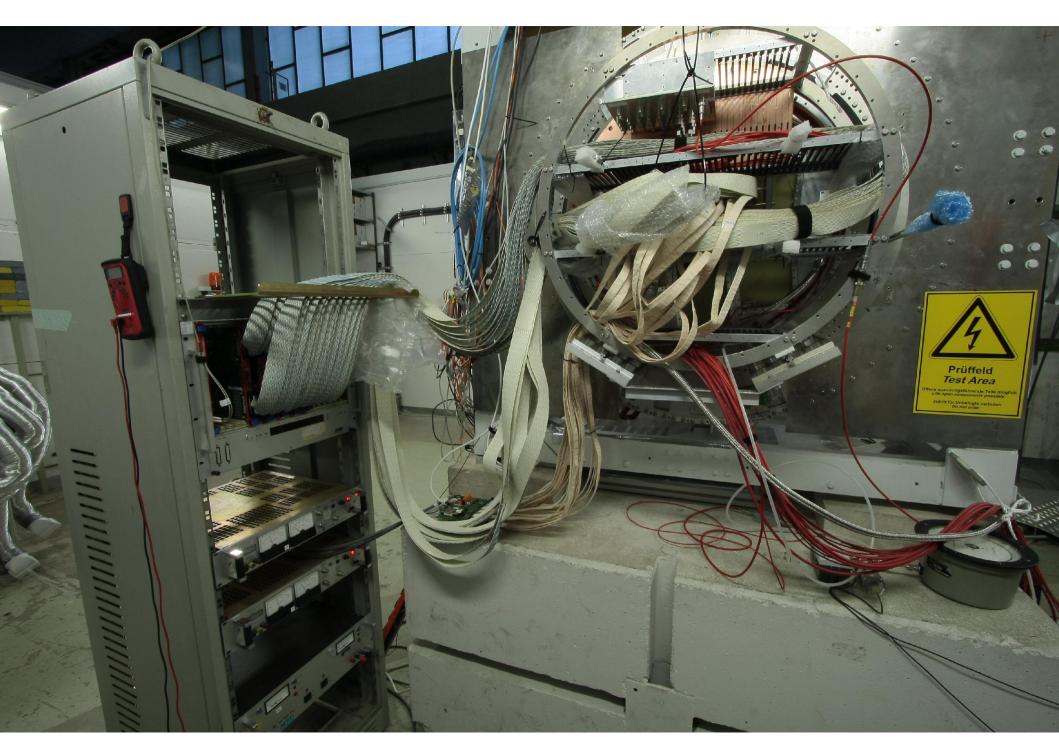
10 Barcelona boards connected to the GEM panel



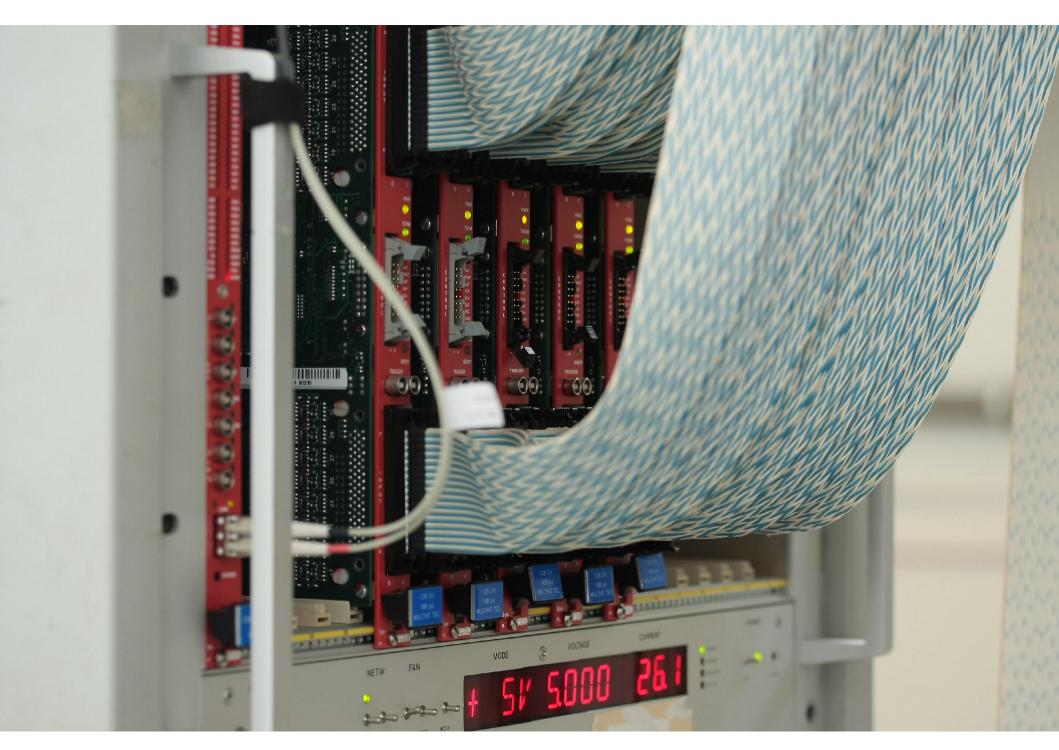
Cabling is fun



More fun



Complete assembly



5 TDC modules and a VME-bridge. Current consumption before TDC initialization: 26.1 A