

Issue 1
May '67

COMMUNICATIONS DATA SHEET NO. 203

LF. EQUALISER SECTIONS

The table indicates the resonant frequencies and component values that may be obtained by using either Toroidal or Ferroxcube Coils.

$\frac{L}{C}$		fr=44 Hz			fr=37 Hz			fr=31 Hz		
		FULL		HALF SHUNT	FULL		HALF SHUNT	FULL		HALF SHUNT
		L & C	L ¹ &C ¹		L & C	L ¹ &C ¹		L & C	L ¹ &C ¹	
L in Henrys	C in μ farads	L & C	L ¹ &C ¹	L ¹ &C ¹	L & C	L ¹ &C ¹	L ¹ &C ¹	L & C	L ¹ &C ¹	L ¹ &C ¹
2	L	5.17	0.91	0.456	6.14	1.09	-	-	-	-
	C	2.53	14.3	28.6	3.03	17.1	-	-	-	-
1	L	3.65	1.29	0.646	4.35	1.54	0.768	5.17	1.82	0.91
	C	3.58	10.1	20.2	4.28	12.1	24.2	5.06	14.3	28.6
0.5	L	2.58	1.82	0.91	3.07	2.18	1.09	3.65	2.58	1.29
	C	5.06	7.17	14.3	6.06	8.53	17.1	7.17	10.1	20.2
0.25	L	1.82	2.58	1.29	2.18	3.07	1.54	2.58	3.65	1.82
	C	7.17	5.06	10.1	8.53	6.06	12.1	10.1	7.17	14.3
0.128	L	1.29	3.65	1.82	1.54	4.35	2.18	1.82	5.17	2.58
	C	10.1	3.58	7.17	12.1	4.28	8.53	14.3	5.06	10.1
0.064	L	0.91	5.17	2.58	1.09	6.14	3.07	-	-	3.65
	C	14.3	2.53	5.06	17.1	3.03	6.06	-	-	7.17
0.032	L	-	-	3.65	-	-	4.35	-	-	5.17
	C	-	-	3.58	-	-	4.28	-	-	5.06
0.016	L	-	-	5.17	-	-	6.14	-	-	-
	C	-	-	2.53	-	-	3.03	-	-	-