



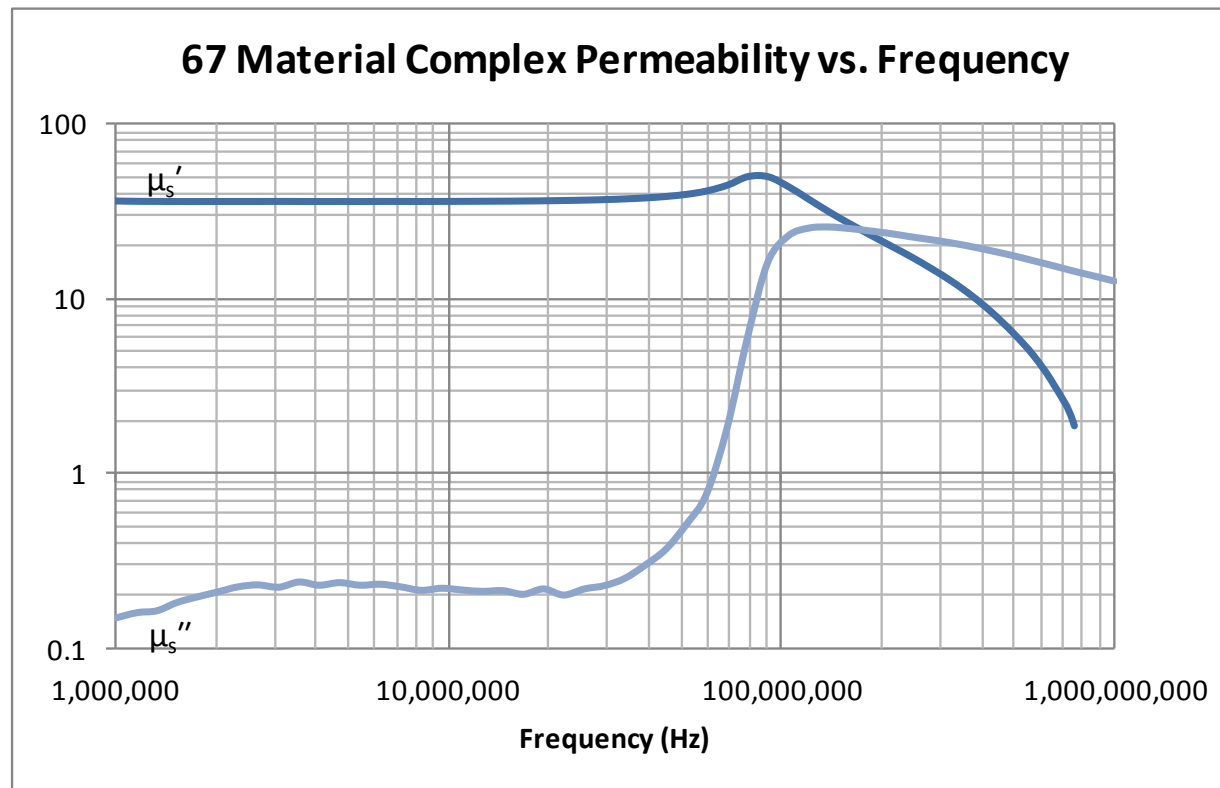
# Fair-Rite Products Corp.

Your Signal Solution®

## HF MINI POWER KIT

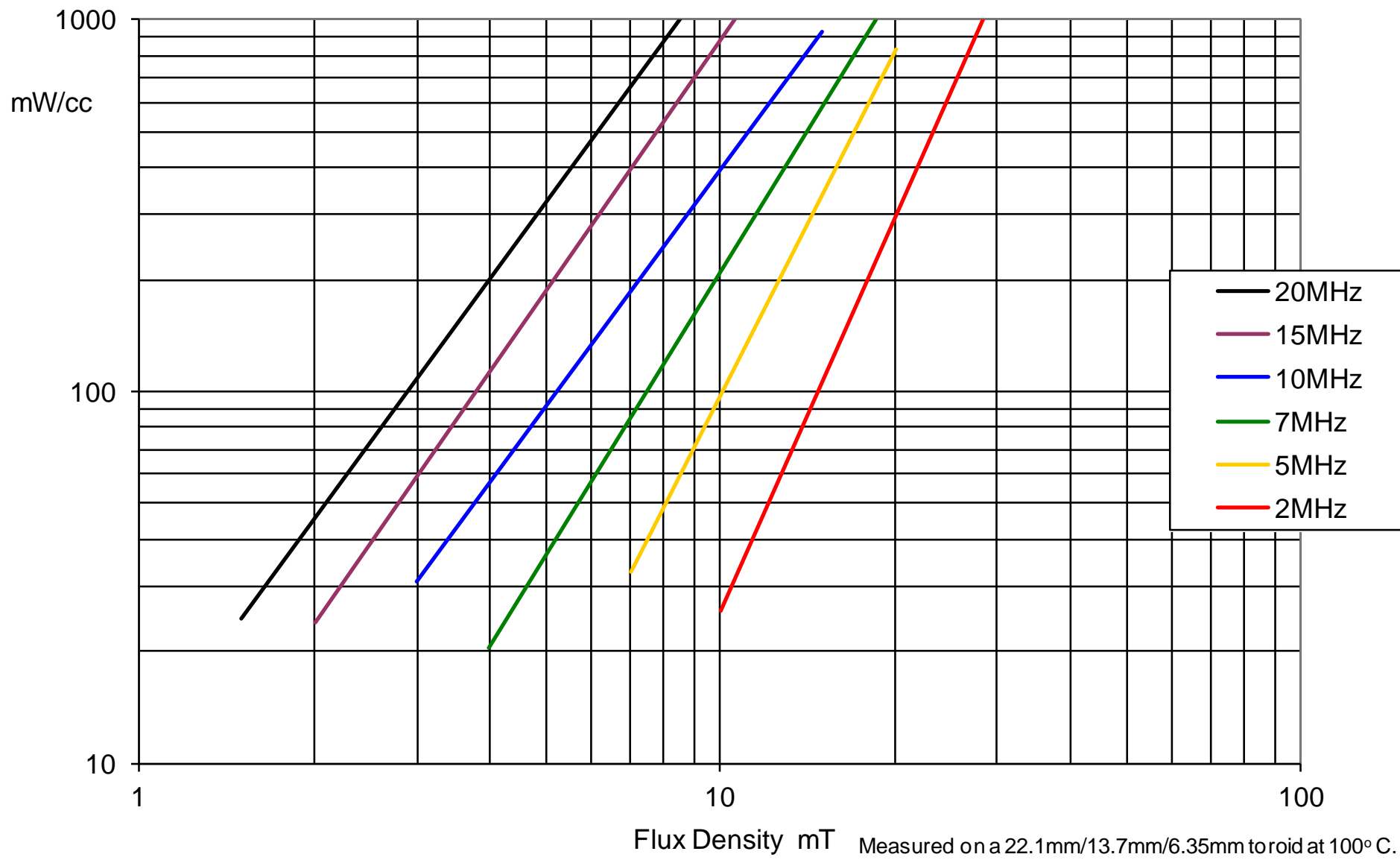
*Featuring 67 Material*

Fair-Rite's 67 is a high-frequency NiZn ferrite material with an initial permeability of 40.

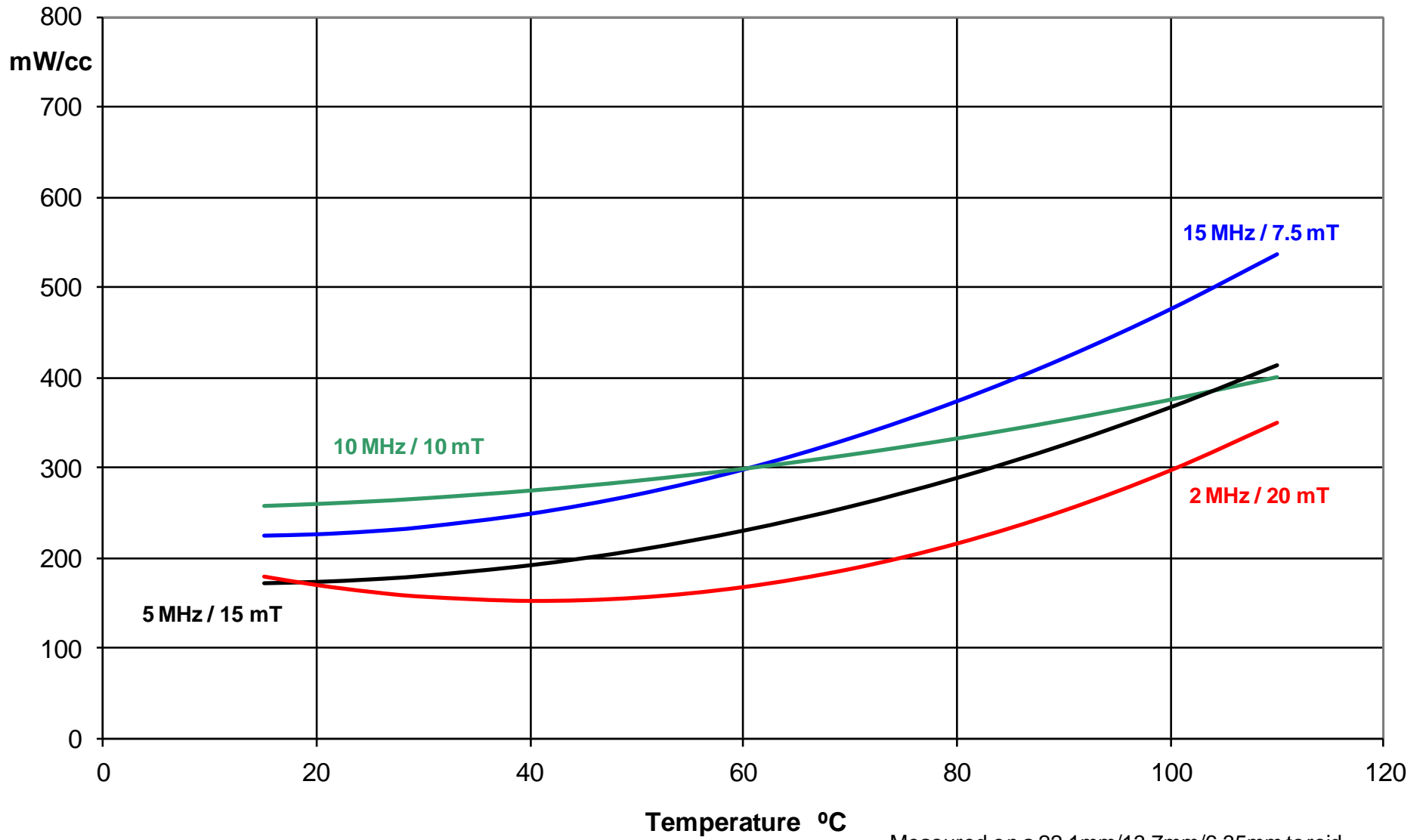




67 material Specific Power Loss vs. Flux Density at 100°C



### 67 Material Specific Power Loss vs. Temperature



			values are nominal unless otherwise indicated							
refer to figure 2 and 3 for EQ shapes			mm	mm	mm	mm	mm	mm	mm	mm
	FR PN	generic size	A	B	C	D	E	F	G	
see fig. 2	9567130302	EQ13/8.7/2.9	12.8	2.85	8.7	1.75	11.2	5	8.75	min
see fig. 3	9367053002	I13/8.7/1.1	12.8	1.1	8.7					
see fig. 2	9567200602	EQ20/14/6.4	20	6.35	14	4.1	18	8.8	12.5	min
see fig. 3	9367054002	I20/14/2.3	20	2.3	14					
see fig. 2	9567250802	EQ25/18/8	25	8	18	5.15	22	11	14.5	min
see fig. 2	9567250602	EQ25/18/5.6	25	5.6	18	3.15	22	11	14.5	min
see fig. 3	9367055002	I25/18/2.3	25	2.3	18					
refer to figure 1 for toroids			mm	mm	mm	1/cm	cm	cm <sup>2</sup>	cm <sup>3</sup>	nominal nH/T <sup>2</sup>
	FR PN	generic size	A	B	C	C1 (Σ I/A)	le	Ae	Ve	Al
see fig. 1	5967000201	T9.5/4.8/3.2	9.5	4.75	3.2	28.6	2.07	0.072	0.15	18
see fig. 1	5967001801	T22/14/6.4	22.1	13.7	6.35	20.7	5.4	0.262	1.42	24
see fig. 1	5967001001	T29/19/7.5	29	19	7.5	19.8	7.3	0.37	2.7	25
			mm	mm	mm	1/cm	cm	cm <sup>2</sup>	cm <sup>3</sup>	minimum nH/T <sup>2</sup>
FR PN	FR PN	generic size	overall height		C1 (Σ I/A)	le	Ae	Ve	Al	
9567130302	9567130302	EEQ13/6	5.7		8.56	1.74	0.20	0.35	45	
9567130302	9367053002	EQI 13/4	3.95		6.97	1.39	0.20	0.28	56	
9567200602	9567200602	EEQ20/13	12.7		5.53	3.33	0.60	2.01	71	
9567200602	9367054002	EQI 20/9	8.65		4.12	2.52	0.61	1.54	95	
9567250802	9567250802	EEQ25/16	16		4.14	4.15	1.00	4.17	94	
9567250802	9367055002	EQI 25/10	10.3		3.22	3.08	0.96	2.94	122	
9567250602	9567250602	EEQ25/11	11.2		3.52	3.28	0.93	3.06	110	
9567250602	9367055002	EQI 25/8	7.9		2.93	2.64	0.90	2.39	132	
9567250802	9567250602	EEQ25/14	13.6		3.82	3.72	0.97	3.62	102	

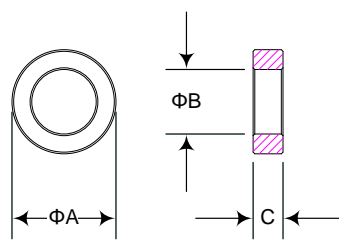


Figure 1

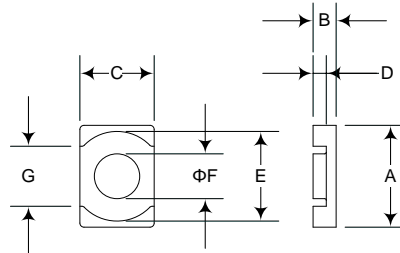


Figure 2

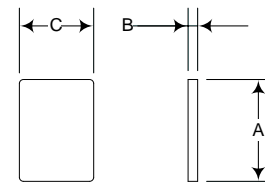


Figure 3