



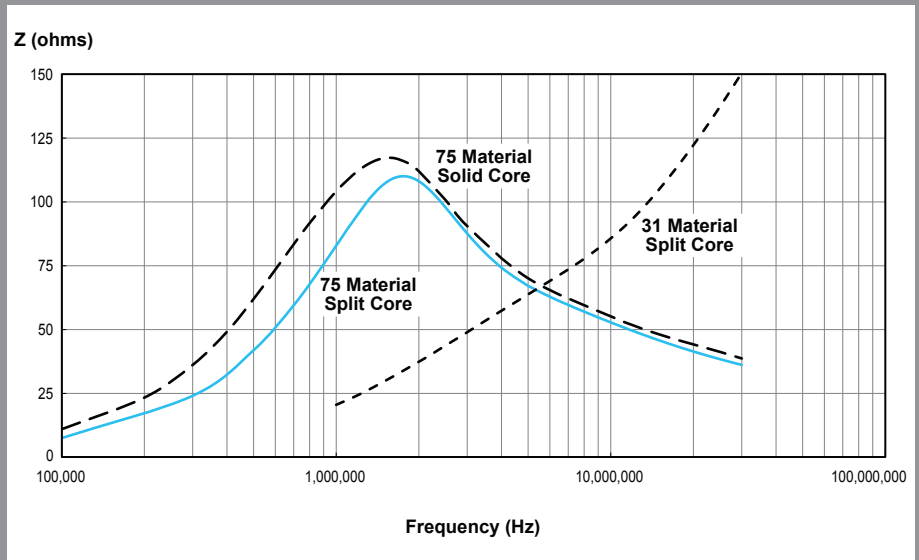
75 MATERIAL FOR LOW FREQUENCY SUPPRESSION

Solving conductive EMI problems below 5MHz is now easier with our new low frequency suppression cores. Optimized for operation from 100 kHz to 5MHz, our 75 material suppression components are available in solid cores as well as our Snap-It split configuration.

These low frequency suppression cores are used to suppress common mode EMI on internal and external cable assemblies of electronic equipment at frequencies below 5MHz and have a useful range up to 30 MHz. With significant improvements in low frequency suppression when compared to our 31 material, our 75 material provides even higher impedance at even lower frequencies, requiring fewer turns.



Comparison of 75 and 31 Material Cable Cores



Solid Cores	Nominal Dimension [mm]			500kHz			1MHz			5MHz		
	A (OD)	B (ID)	C (Ht)	# of turns			# of turns			# of turns		
Part Number				1+	3	5	1+	3	5	1+	3	5
2675023002	9.50	5.10	19.05	43	394	1070	68	623	1700	96	867	2380
2675540202	14.30	6.35	13.45	39	347	940	58	530	1470	52	475	1300
2675540002	14.30	6.35	28.60	82	730	2040	133	1190	3500	95	860	2370
2675625102	15.90	7.90	28.60	60	536	1460	83	7818	2000	50	447	1240
2675665702	17.40	9.50	28.60	56	504	1390	102	907	2530	82	765	2100
2675626402	18.70	10.15	28.60	54	495	1400	71	647	1800	46	417	1150
2675102002	25.90	12.85	28.60	83	755	2140	120	1090	3020	54	490	1296
2675821502	31.00	19.00	15.00	29	268	752	43	391	1080	20	182	498
Snap-It Cores												
0475181651	12.80	5.10	25.00	35	290	820	66	540	1500	110	1000	2800
0475164281	20.00	6.60	39.40	49	470	1350	102	990	2700	110	960	2600
0475178281	21.50	9.00	39.40	46	430	1200	87	790	2200	74	660	1800
0475167281	23.70	10.15	39.40	47	400	1120	92	810	2260	67	600	1810
0475164181	31.00	13.05	39.40	58	520	1470	102	890	2500	50	445	1220
0475176451	38.60	18.35	47.50	92	850	2400	130	1180	3270	66	585	1600