



**EMI Ferrite Split/Snap-On Cores in Plastic Cases**

For retrofit and post-assembly operations, Steward, a unit of Laird Technologies offers a selection of "split" cores. Similar in performance to the one piece core designs, these split ferrite cores provide excellent common and differential mode EMI suppression on round cable and wire assemblies. Black or white snap-on cases provide secure closure split cores onto the cable. Plastic case color black (Suffix: 2) and white (Suffix: 0).

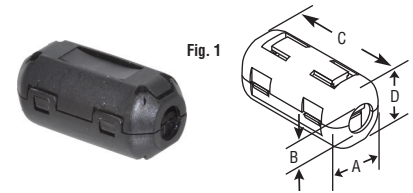


Fig. 1

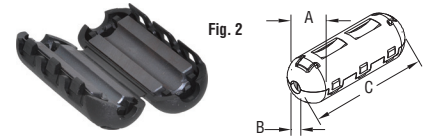


Fig. 2

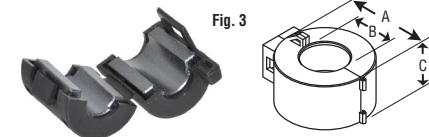


Fig. 3

**Broadband EMI Ferrite Split/Snap-On Cores**

Stock No.	Mfr.'s Type	Fig.	Dims. — mm (in.)				Max. Dia. Cable mm (in.)	Typ. Imp. (Ω)			EACH	
			A	B	C	D		25 MHz	100 MHz	300 MHz	1-24	25-99
70065419	28A0350-0B2	1	13.00 (0.511)	4.90 (0.193)	25.50 (1.004)	11.70 (0.460)	3.50 (0.138)	100	240	400	1.41	1.21
70065382	28A0392-0A2	1	13.72 (0.540)	5.44 (0.214)	30.56 (1.203)	12.72 (0.504)	4.75 (0.187)	75	170	320	.94	.77
70065386	28A0434-0A2	2	14.71 (0.579)	5.44 (0.214)	43.03 (1.694)	14.70 (0.579)	5.05 (0.199)	111	277	449	1.20	1.02
70065420	28A0592-0A2	2	18.75 (0.738)	5.04 (0.198)	53.39 (2.102)	18.75 (0.738)	4.40 (0.173)	261	572	688	1.91	1.60
70065352	28A0593-0A2	2	18.75 (0.738)	6.75 (0.266)	52.91 (2.083)	18.75 (0.738)	6.50 (0.256)	186	407	575	1.74	1.43
70065421	28A0640-0A2	1	19.90 (0.783)	9.80 (0.346)	41.40 (1.630)	21.65 (0.819)	8.95 (0.352)	105	240	390	1.56	1.30
70065422	28A0807-0A2	2	24.82 (0.977)	10.00 (0.394)	55.91 (2.201)	24.82 (0.977)	10.00 (0.394)	160	348	514	2.62	2.14
70065423	28A1507-0A2	3	15.00 (0.591)	7.00 (0.276)	18.00 (0.709)	22.00 (0.866)	7.00 (0.276)	56	123	246	.80	.66
70065381	28A2024-0A2	4	29.00 (1.142)	13.00 (0.512)	32.50 (1.280)	29.62 (1.166)	12.85 (0.506)	130	280	440	1.91	1.80
70065353	28A2025-0A2	4	18.15 (0.715)	7.05 (0.278)	32.50 (1.280)	18.90 (0.744)	6.45 (0.254)	130	320	510	1.25	1.02
70280012	28A2025-0A0	4	18.15 (0.715)	7.05 (0.278)	32.50 (1.280)	18.90 (0.744)	6.45 (0.254)	130	320	510	1.50	1.31
70065354	28A2026-0A2	1	21.00 (0.827)	6.80 (0.268)	41.70 (1.642)	21.00 (0.827)	6.45 (0.254)	95	270	460	1.33	1.08
70065355	28A2029-0A2	4	22.28 (0.877)	10.00 (0.394)	32.77 (1.290)	21.84 (0.860)	9.95 (0.392)	95	250	420	1.62	1.33
70280011	28A2029-0A0	4	22.28 (0.877)	10.00 (0.394)	32.77 (1.290)	21.84 (0.860)	9.95 (0.392)	95	250	420	1.39	.86
70065425	28A2307-0A2	3	16.50 (0.650)	7.00 (0.276)	30.50 (1.201)	15.25 (0.600)	7.00 (0.276)	92	183	315	.87	.80
70065356	28A2432-0A2	3	19.20 (0.756)	8.20 (0.323)	19.90 (0.783)	23.10 (0.909)	8.05 (0.317)	62	160	300	1.80	1.48
70065426	28A2736-0A2	1	19.70 (0.766)	9.00 (0.354)	35.10 (1.382)	18.00 (0.709)	8.90 (0.350)	120	220	360	1.25	1.05
70065428	28A2738-0A2	1	19.70 (0.776)	9.00 (0.354)	35.10 (1.382)	18.00 (0.709)	8.00 (0.315)	109	233	366	1.03	.76
70065427	28A2809-0A2	3	16.00 (0.630)	9.00 (0.354)	28.00 (1.102)	7.50 (0.295)	9.00 (0.354)	120	220	360	2.46	2.03
70065429	28A2913-0A2	3	23.50 (0.925)	13.06 (0.514)	36.25 (1.427)	22.00 (0.866)	13.00 (0.512)	86	177	305	2.12	1.74
70065387	28A3039-0A2	3	24.55 (0.967)	10.20 (0.402)	33.60 (0.535)	28.50 (1.122)	10.15 (0.400)	55	130	250	1.81	1.49
70065357	28A3851-0A2	1	30.00 (1.181)	13.00 (0.512)	37.70 (1.327)	30.00 (1.181)	12.85 (0.506)	150	260	410	5.86	4.83
70065358	28A4155-0A2	3	28.80 (1.134)	13.60 (0.535)	15.40 (0.606)	33.20 (1.307)	13.55 (0.533)	50	120	230	2.32	1.96
70065359	28A5131-0A2	5	56.64 (2.230)	19.50 (0.768)	45.00 (1.772)	56.63 (2.230)	25.40 (1.000)	187	425	533	15.33	12.96
70065360	28A5776-0A2	4	29.20 (1.150)	19.30 (0.760)	42.00 (1.654)	29.40 (1.157)	19.00 (0.748)	115	210	360	4.82	3.54

**High Frequency EMI Ferrite Split/Snap-On Cores**

Stock No.	Mfr.'s Type	Fig.	Dims. — mm (in.)				Max. Dia. Cable mm (in.)	Typ. Imp. (Ω)			EACH	
			A	B	C	D		500 MHz	800 MHz	1 GHz	1-24	25-99
70065375	HFA100049-0A2	1	13.72 (0.540)	5.44 (0.214)	30.56 (1.203)	13.72 (0.540)	4.88 (0.192)	152	168	162	1.24	1.01
70065411	HFA150066-0A2	4	18.15 (0.715)	7.05 (0.278)	32.50 (1.280)	18.90 (0.744)	6.60 (0.260)	350	340	256	2.70	2.36
70065430	HFA150068-0A2	1	21.00 (0.827)	6.80 (0.268)	41.70 (1.642)	21.00 (0.827)	6.76 (0.266)	340	281	200	3.44	2.89
70065412	HFA163090-0A2	1	19.10 (0.752)	9.09 (0.358)	40.36 (1.589)	20.80 (0.819)	9.01 (0.355)	260	262	200	2.87	2.40
70065413	HFA187102-0A2	4	22.28 (0.877)	10.00 (0.394)	32.77 (1.290)	21.84 (0.860)	10.16 (0.400)	290	281	210	2.70	2.36
70065414	HFA259131-0A2	4	29.00 (1.142)	13.00 (0.512)	32.50 (1.280)	29.62 (1.166)	13.06 (0.514)	315	272	200	5.25	4.72

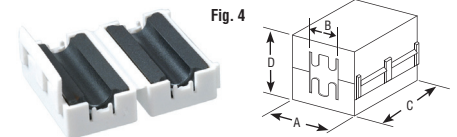


Fig. 4

**Core Kit**

Stock No.	Mfr.'s Type	Description	EACH
70065418	K-404 EMI A	Sample Kit for Round Cables	42.93

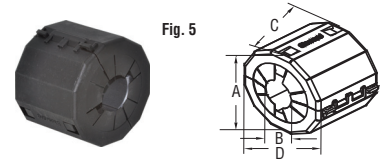


Fig. 5

**Broadband EMI Ferrite Cylindrical Cores**



Stock No.	Mfr.'s Type	Dims. — mm (in.)			Typ. Imp. (Ω)			EACH	
		A	B	C	25 MHz	100 MHz	300 MHz	1-24	25-99
70065390	28B0250-100	6.35 (0.250)	3.18 (0.125)	15.88 (0.625)	90	182	300	.15	.13
70065391	28B0250-700	6.35 (0.250)	3.18 (0.125)	10.00 (0.394)	64	135	255	.12	.10
70280009	28B0268-000	6.78 (0.267)	3.99 (0.157)	14.22 (0.560)	65	138	260	.15	.14
70065392	28B0296-000	7.52 (0.296)	2.39 (0.094)	7.54 (0.297)	75	160	270	.17	.14
70065361	28B0355-000	9.00 (0.354)	4.75 (0.187)	20.00 (0.787)	110	205	360	.16	.13
70065362	28B0375-100	9.53 (0.375)	5.08 (0.200)	14.48 (0.570)	74	154	282	.24	.20
70065363	28B0375-400	9.52 (0.375)	5.08 (0.200)	4.83 (0.190)	33	81	200	.15	.12
70065394	28B0485-000	12.32 (0.485)	4.88 (0.192)	25.40 (1.000)	170	320	450	.44	.38
70280010	28B0500-100	12.70 (0.500)	7.92 (0.312)	6.35 (0.250)	33	83	200	.25	.23
70280013	28B0562-100	14.27 (0.562)	6.35 (0.250)	13.46 (0.530)	89	184	303	.24	.20
70065364	28B0562-200	14.27 (0.562)	6.35 (0.250)	28.58 (1.125)	177	317	470	.66	.56
70065365	28B0562-300	14.27 (0.562)	6.35 (0.250)	28.32 (1.115)	150	270	420	.56	.46
70065397	28B0625-000	15.88 (0.625)	7.87 (0.310)	14.27 (0.563)	79	163	273	.38	.31
70065366	28B0625-100	15.88 (0.625)	7.87 (0.310)	28.58 (1.125)	150	280	400	.76	.64
70065398	28B0686-100	17.42 (0.686)	9.52 (0.375)	12.70 (0.500)	66	139	265	.36	.29
70065367	28B0686-200	17.42 (0.686)	9.52 (0.375)	28.58 (1.125)	124	242	390	.76	.64
70065399	28B0735-000	18.67 (0.735)	10.16 (0.400)	28.58 (1.125)	135	250	400	.92	.76
70065400	28B0735-300	18.67 (0.735)	10.16 (0.400)	14.27 (0.562)	73	150	270	.48	.39
70065368	28B1020-100	25.91 (1.020)	12.83 (0.505)	28.58 (1.125)	147	276	412	1.83	1.55
70065384	28B1225-000	31.12 (1.225)	19.05 (0.750)	15.93 (0.627)	68	140	270	1.41	1.16
70065369	28B1225-100	31.12 (1.225)	19.05 (0.750)	7.92 (0.312)	39	93	210	.80	.66
70065383	28B1417-200	36.00 (1.417)	23.00 (0.905)	12.70 (0.500)	52	115	230	1.11	.96
70065401	28B2000-100	50.80 (2.000)	25.40 (1.000)	28.70 (1.130)	157	305	442	6.38	5.59
70065370	28B2400-000	60.96 (2.400)	35.56 (1.400)	12.70 (0.500)	60	135	285	4.70	3.98

