

43 Material Ferrite Toroids

43 Material is used for EMI/RFI suppression in the 20 MHz to 250 MHz range.

OD = Outer Diameter (inches)

All AL values are $\pm 25\%$.

ID = Inner Diameter (inches)

H = Height (inches)

AL Value: nH/N^2

Permeability / $\mu_i = 800$

	OD	ID	H	A _L Value	Coatings
FT-23-43	0.23	0.12	0.06	15.8	
FT-37-43	0.375	0.187	0.125	35.0	
FT-50-43	0.5	0.281	0.188	44.0	
FT-50A-43	0.5	0.312	0.25	48.0	
FT-50A-43C	0.529	0.283	0.28	48.0	Yes
FT-50B-43	0.5	0.312	0.5	96.5	
FT-63A-43	0.63	0.378	0.25	52.0	
FT-82-43	0.825	0.52	0.25	47.0	
FT-82A-43	0.825	0.52	0.468	88.5	
FT-87-43	0.87	0.54	0.25	48.5	
FT-87A-43	0.87	0.54	0.5	97.0	
FT-87A-43C	0.87	0.54	0.5	97.0	Yes
FT-100-43	1.0	0.61	0.25	50.0	
FT-100A-43	1.0	0.61	0.32	64.5	
FT-100B-43	1.0	0.61	0.5	100.0	
FT-114-43	1.142	0.748	0.295	51.0	
FT-114A-43	1.142	0.748	0.545	95.0	
FT-125-43	1.25	0.75	0.375	77.5	
FT-140-43	1.4	0.9	0.5	88.5	
FT-140-43C/W	1.41	0.9	0.5	88.5	Yes,white
FT-240-43	2.4	1.4	0.5	107.5	
FT-290-43	2.9	1.53	0.5	130.0	

重量(g)

38.03

123.86

61 Material Ferrite Toroids

61 Material and is designed for inductive applications up to 25 MHz and also suppresses noise frequencies from 200 MHz to 1000 MHz.

OD = Outer Diameter (inches)

All AL values are $\pm 25\%$.

ID = Inner Diameter (inches)

The FT-140-61C/G has a gray epoxy coating.

H = Height (inches)

A_L Value: nH/N^2

Permeability / $\mu_i = 125$

	OD	ID	H	A_L Value	Coatings
FT-16-61	0.155	0.088	0.05	15Min	
FT-23-61	0.23	0.12	0.06	25 \pm 25%	
FT-37-61	0.375	0.187	0.125	55 \pm 25%	
FT-50-61	0.5	0.281	0.188	69 \pm 25%	
FT-50-61C	0.51	0.271	0.198	69 \pm 25%	yes,white
FT-50A-61	0.5	0.312	0.25	75 \pm 25%	
FT-50B-61	0.5	0.312	0.5	150 \pm 25%	
FT-63A-61	0.63	0.378	0.25	80 \pm 25%	
FT-82-61	0.825	0.52	0.25	75 \pm 25%	
FT-82A-61	0.825	0.52	0.468	135 \pm 25%	
FT-87-61	0.87	0.54	0.25	75 \pm 25%	
FT-114-61	1.142	0.748	0.295	80 \pm 25%	
FT-114A-61	1.142	0.748	0.545	145 \pm 25%	
FT-125-61	1.25	0.75	0.375	120 \pm 25%	
FT-140-61	1.4	0.9	0.5	140 \pm 25%	
FT-140-61C/G	1.41	0.89	0.51	140 \pm 25%	yes,gray
FT-240-61	2.4	1.4	0.5	170 \pm 25%	
FT-350-61	3.5	2.0	0.5	178 \pm 25%	
FT-450-61	4.5	2.5	0.5	182 \pm 30%	

77 Material Ferrite Toroids

77 Material is application ferrite toroid coil forms for transformers, inductors and RFI suppression.

OD = Outer Diameter (inches)

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ID = Inner Diameter (inches)

H = Height (inches)

A_L Value: nH/N^2 @10KHz

Permeability / $\mu_i = 2000$

	OD	ID	H	A_L Value	Coatings
FT-23-77	0.23	0.12	0.06	42.0	
FT-23A-77	0.23	0.12	0.12	85.0	
FT-37-77	0.375	0.187	0.125	94.5	
FT-37-77C	0.38	0.18	0.13	94.5	yes,white
FT-50-77	0.5	0.281	0.188	118.0	
FT-50-77C	0.5	0.28	0.19	118.0	yes,white
FT-50A-77	0.5	0.312	0.25	130.0	
FT-50B-77	0.5	0.312	0.5	259.5	
FT-63-77	0.63	0.378	0.182	101.5	非标准件
FT-63A-77	0.63	0.378	0.25	140.0	
FT-82-77	0.825	0.52	0.25	127.0	
FT-82A-77	0.825	0.52	0.468	237.5	
FT-100A-77	1.0	0.61	0.32	173.0	
FT-114-77	1.142	0.748	0.295	136.5	
FT-114-77C	1.187	0.709	0.324	136.5	yes,white
FT-114A-77	1.142	0.748	0.545	252.0	
FT-125-77	1.25	0.75	0.375	209.0	
FT-140-77	1.4	0.9	0.5	254.5	
FT-240-77	2.4	1.4	0.5	315.5	
FT-290-77	2.9	1.53	0.5	350.0	

J Material Ferrite Toroids

J Material is have low volume resistivity and low core loss from 1 KHz to 1 MHz. Used for pulse transformers and low level wideband transformers. Excellent frequency attenuation from 0.5 MHz to 20 MHz.

OD = Outer Diameter (inches)

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ID = Inner Diameter (inches)

H = Height (inches)

A_L Value: nH/N^2 @10KHz

Permeability / $\mu_i = 5000$

	OD	ID	H	A_L Value	Coatings
FT-23-J	0.23	0.12	0.06	98.0	
FT-37-J	0.375	0.187	0.125	219.6	
FT-37-JC	0.4	0.18	0.15	219.6	yes
FT-50-J	0.5	0.281	0.188	281.5	
FT-50A-J	0.5	0.312	0.25	296.8	
FT-87-J	0.87	0.54	0.25	302.0	
FT-87A-J	0.87	0.54	0.5	604.0	
FT-114-J	1.142	0.748	0.295	317.0	
FT-140A-J	1.4	0.906	0.59	673.6	
FT-140A-JC	1.41	0.9	0.6	673.6	yes
FT-150-J	1.5	0.75	0.25	440.0	
FT-150A-J	1.5	0.8	0.5	836.5	
FT-193-J	1.932	1.252	0.625	606.5	
FT-193A-JC	1.932	1.252	0.75	743.5	yes
FT-240-J	2.4	1.4	0.5	684.5	
FT-290-J	2.9	1.53	0.5	814.0	
FT-337-J	3.375	2.187	0.5	552.0	

