



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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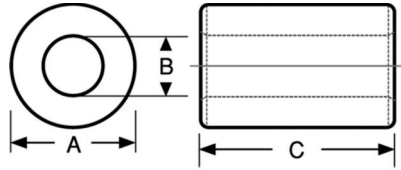
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



CF SERIES



Cylindrical EMI Suppression Ferrites



API's Cylindrical EMI Suppression ferrites provide a cost effective means of reducing common and differential mode EMI. Used to suppress common mode EMI on the internal and external cable assemblies of electronic equipment.

Select a ferrite with an inner diameter most closely matching the outer diameter of the wires to be filtered.

Features

- Wide range of sizes with inner diameters from 1.5 mm (0.059 inches) to 23 mm (0.905 inches)
- Precision formed smooth surfaces prevent damage to wire insulation
- Available in API-1 and API-2 material.
- Custom designs available

Applications

- Internal and external computer data and power cables.

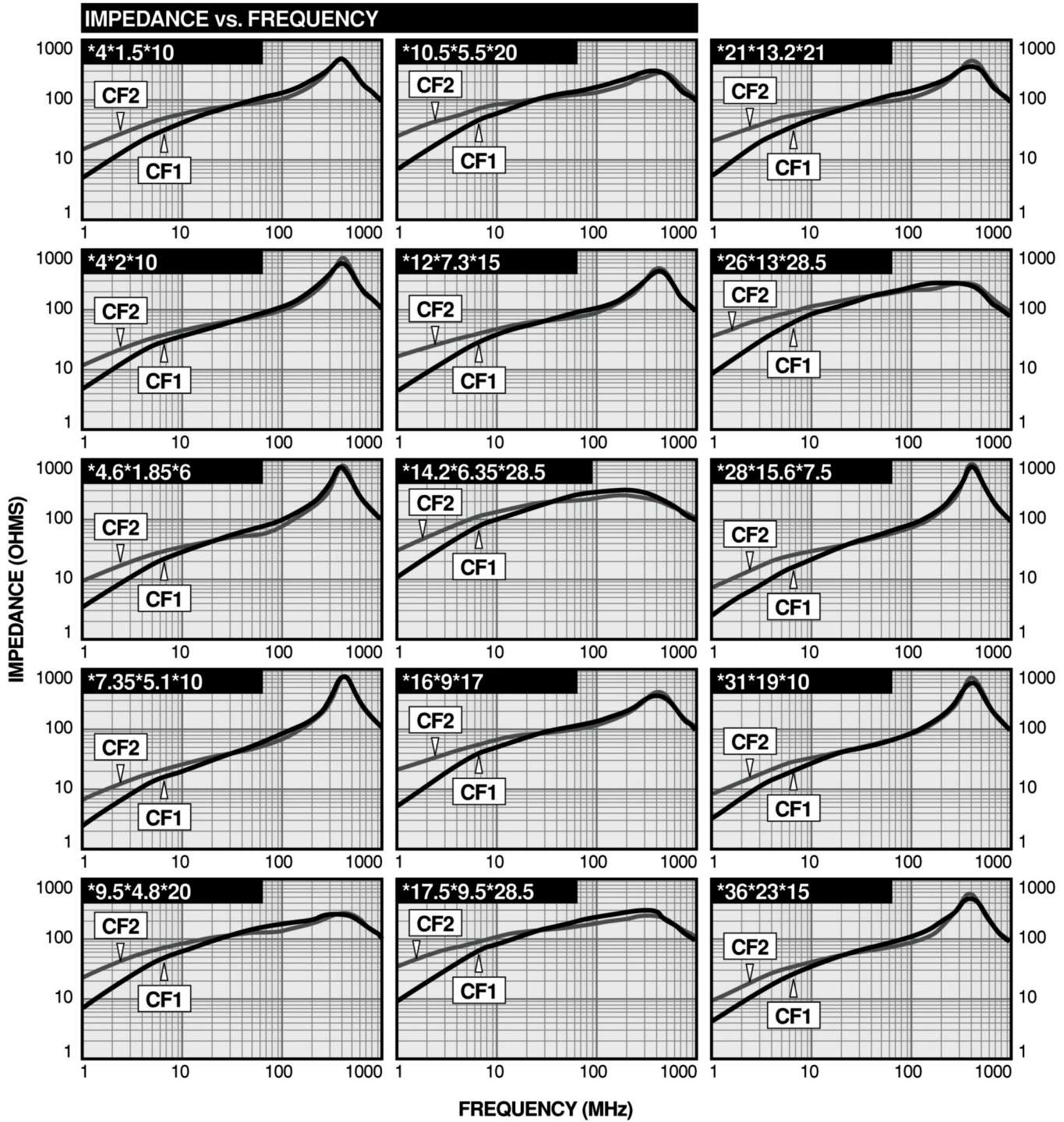
****Note – Impedance Testing** Impedance is typical, measurement using HP4191A. For CF1-4*1.5*10 through CF2-4.6*1.85*6, based on 1/2 turn (4.0") 32 AWG wire. For CF1-7.35*5.1*10 and above, based on 1/2 turn (4.0") 19 AWG wire.

PART NUMBER	IMPEDANCE**			DIMENSION A		DIMENSION B		DIMENSION C	
	@ 25 MHz (Min.)	@ 100 MHz (Typ.)	@ 300 MHz (Typ.)	INCHES	mm	INCHES	mm	INCHES	mm
CF1-4*1.5*10	50	135	300	0.157±.007	4.0±0.2	0.059±.005	1.5±0.15	0.393±.015	10.0±0.4
CF2-4*1.5*10	55	116	269	0.157±.007	4.0±0.2	0.059±.005	1.5±0.15	0.393±.015	10.0±0.4
CF1-4*2*10	40	102	282	0.157±.007	4.0±0.2	0.078±.007	2.0±0.2	0.393±.015	10.0±0.4
CF2-4*2*10	40	86	255	0.157±.007	4.0±0.2	0.078±.007	2.0±0.2	0.393±.015	10.0±0.4
CF1-4.6*1.85*6	35	89	261	0.181±.007	4.6±0.2	0.072±.007	1.85±0.2	0.236±.011	6.0±0.3
CF2-4.6*1.85*6	35	77	237	0.181±.007	4.6±0.2	0.072±.007	1.85±0.2	0.236±.011	6.0±0.3
CF1-7.35*5.1*10	23	68	217	0.289±.011	7.35±0.3	0.200±.007	5.1±0.2	0.393±.015	10.0±0.4
CF2-7.35*5.1*10	23	63	214	0.289±.011	7.35±0.3	0.200±.007	5.1±0.2	0.393±.015	10.0±0.4
CF1-9.5*4.8*20	70	171	263	0.374±.011	9.5±0.3	0.188±.007	4.8±0.2	0.787±.023	20.0±0.6
CF2-9.5*4.8*20	80	142	251	0.374±.011	9.5±0.3	0.188±.007	4.8±0.2	0.787±.023	20.0±0.6
CF1-10.5*5.5*20	65	161	273	0.413±.015	10.5±0.4	0.216±.007	5.5±0.2	0.787±.023	20.0±0.6
CF2-10.5*5.5*20	70	134	261	0.413±.015	10.5±0.4	0.216±.007	5.5±0.2	0.787±.023	20.0±0.6
CF1-12*7.3*15	40	107	273	0.472±.019	12.0±0.5	0.287±.011	7.3±0.3	0.590±.019	15.0±0.5
CF2-12*7.3*15	40	89	242	0.472±.019	12.0±0.5	0.287±.011	7.3±0.3	0.590±.019	15.0±0.5
CF1-14.2*6.35*28.5	115	280	302	0.559±.019	14.2±0.5	0.250±.011	6.35±0.3	1.122±.031	28.5±0.8
CF2-14.2*6.35*28.5	125	230	210	0.559±.019	14.2±0.5	0.250±.011	6.35±0.3	1.122±.031	28.5±0.8
CF1-16*9*17	50	130	281	0.629±.019	16.0±0.5	0.354±.011	9.0±0.3	0.669±.023	17.0±0.6
CF2-16*9*17	55	109	257	0.629±.019	16.0±0.5	0.354±.011	9.0±0.3	0.669±.023	17.0±0.6
CF1-17.5*9.5*28.5	95	217	310	0.688±.023	17.5±0.6	0.374±.011	9.5±0.3	1.122±.031	28.5±0.8
CF2-17.5*9.5*28.5	95	172	296	0.688±.023	17.5±0.6	0.374±.011	9.5±0.3	1.122±.031	28.5±0.8
CF1-21*13.2*21	55	136	309	0.826±.023	21.0±0.6	0.519±.019	13.2±0.5	0.826±.023	21.0±0.6
CF2-21*13.2*21	55	115	305	0.826±.023	21.0±0.6	0.519±.019	13.2±0.5	0.826±.023	21.0±0.6
CF1-26*13*28.5	100	235	325	1.023±.027	26.0±0.7	0.511±.019	13.0±0.5	1.122±.031	28.5±0.8
CF2-26*13*28.5	110	198	316	1.023±.027	26.0±0.7	0.511±.019	13.0±0.5	1.122±.031	28.5±0.8
CF1-28*15.6*7.5	28	85	313	1.102±.031	28.0±0.8	0.614±.019	15.6±0.5	0.295±.011	7.50±0.3
CF2-28*15.6*7.5	28	76	286	1.102±.031	28.0±0.8	0.614±.019	15.6±0.5	0.295±.011	7.50±0.3
CF1-31*19*10	30	91	232	1.220±.031	31.0±0.8	0.748±.023	19.0±0.6	0.393±.015	10.0±0.4
CF2-31*19*10	30	83	320	1.220±.031	31.0±0.8	0.748±.023	19.0±0.6	0.393±.015	10.0±0.4
CF1-36*23*15	40	113	384	1.417±.031	36.0±0.8	0.905±.023	23.0±0.6	0.590±.019	15.0±0.5
CF2-36*23*15	40	101	369	1.417±.031	36.0±0.8	0.905±.023	23.0±0.6	0.590±.019	15.0±0.5

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For more detailed graphs, contact factory

