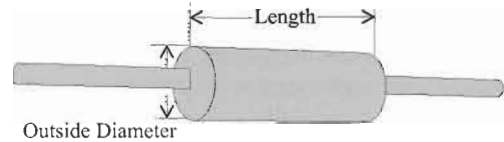
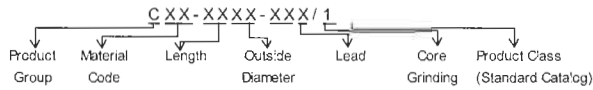


Product Group C: Coilforms



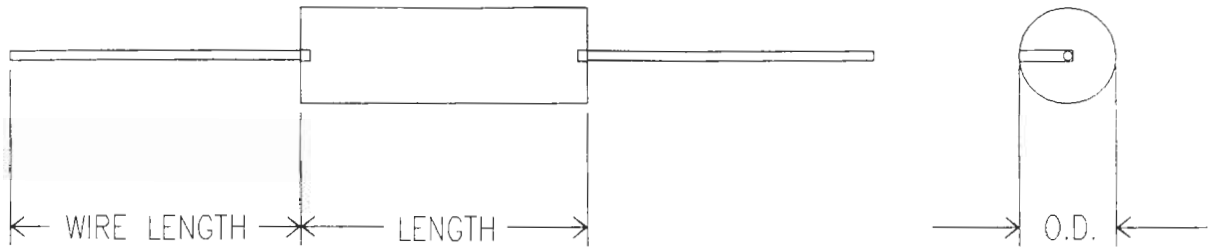
In their simplest form, chokes are ferrite rods with a single winding, preferably close to the rod because distant turns hardly couple to the rod and contribute very little to the inductance of a choke. Such chokes may be used as LC filter components or inserted in the lines to and from devices producing (asymmetrical) interference. At low frequencies, the reactance is low and does not affect the flow of desired currents, but at higher frequencies the reactance is high enough to attenuate the interference, generating in or endangering the protected device.

Ferrite ring, pot, RM and other closed cores can provide much higher inductance values required for suppression at lower frequencies, but they are more prone to saturation when high operational currents have to be handled. In some conditions, iron powder toroids, having much higher saturation induction than any ferrite grade, may be useful—refer to MMG Sales for details of iron powder core availability.

Core Part No.	Units	Length	Outside Diameter	L:D Ratio	A(cm ²)	Available Lead AWG#
C__-4X1B-___/1	in mm	0.172 4.369	0.046 1.168	3.739	0.0918	24
C__-5C1N-___/1	in mm	0.187 4.750	0.058 1.473	3.224	0.1157	24
C__-5C1R-___/1	in mm	0.187 4.750	0.061 1.549	3.066	0.1217	24
C__-5Q1R-___/1	in mm	0.200 5.080	0.061 1.549	3.279	0.1217	24
C__-7520-___/1	in mm	0.250 6.350	0.070 1.778	3.571	0.1396	24, 22
C__-9725-___/1	in mm	0.322 8.179	0.075 1.905	4.293	0.1496	24, 22
C__-9B26-___/1	in mm	0.326 8.280	0.076 1.930	4.289	0.1516	24, 22
C__-9E26-___/1	in mm	0.329 8.357	0.076 1.930	4.329	0.1516	24, 22
C__-DV3K-___/1	in mm	0.485 12.319	0.125 3.175	3.880	0.2494	24, 22
C__-EA4M-___/1	in mm	0.500 12.700	0.162 4.115	3.086	0.3232	22, 21, 20
C__-HV3K-___/1	in mm	0.625 15.875	0.125 3.175	5.000	0.2494	22, 21, 20
C__-HV5C-___/1	in mm	0.625 15.875	0.187 4.750	3.342	0.3730	22, 21, 20
C__-Q075-___/1	in mm	0.875 22.225	0.250 6.350	3.500	0.4987	22, 21, 20
C__-HV4G-___/1	in mm	0.625 15.875	0.156 3.962	4.006	0.3112	22, 21, 20
C__-X575-___/1	in mm	1.125 28.575	0.250 6.350	4.500	0.4987	22, 21, 20, 18
C__-Q070-___/1	in mm	0.875 22.225	0.245 6.223	3.571	0.4888	22, 21, 20, 18
C__-TK75-___/1	in mm	1.000 25.400	0.250 6.350	4.000	0.4987	22, 21, 20, 18
C__-10Q70-___/1	in mm	1.250 31.750	0.245 6.223	5.102	0.4888	22, 21, 20, 18

MMG/NEOSID (CANADA) LIMITED COIL FORMS AND ROD CORES

COILFORMS



ROD CORES



Neosid presently manufactures a diverse range of coilforms and rod cores. If there is a particular application that requires a size or material that is not listed, please do not hesitate to contact the factory with your specific requirements.

MMG/NEOSID (CANADA) LIMITED

FERRITE COIL FORMS

PART NUMBER	MAT'L	O.D.	LENGTH	WIRE	
		inches	inches	LENGTH inches	AWG
24CF185005	F302	0.187	0.500	1.500	20
31CF185005	F14	0.187	0.500	1.500	20
32CF185005	F16	0.187	0.500	1.500	20
38CF185005	F19	0.187	0.500	1.500	20
24CF185007	F302	0.187	0.750	1.500	20
31CF185007	F14	0.187	0.750	1.500	20
32CF185007	F16	0.187	0.750	1.500	20
38CF185007	F19	0.187	0.750	1.500	20
24CF200005	F302	0.200	0.500	1.500	20
31CF200005	F14	0.200	0.500	1.500	20
32CF200005	F16	0.200	0.500	1.500	20
38CF200005	F19	0.200	0.500	1.500	20
24CF200007	F302	0.200	0.750	1.500	20
31CF200007	F14	0.200	0.750	1.500	20
32CF200007	F16	0.200	0.750	1.500	20
38CF200007	F19	0.200	0.750	1.500	20
24CF200008	F302	0.200	0.875	1.500	20
31CF200008	F14	0.200	0.875	1.500	20
32CF200008	F16	0.200	0.875	1.500	20
38CF200008	F19	0.200	0.875	1.500	20
24CF200010	F302	0.200	1.000	1.500	20
31CF200010	F14	0.200	1.000	1.500	20
32CF200010	F16	0.200	1.000	1.500	20
38CF200010	F19	0.200	1.000	1.500	20
24CF250005	F302	0.250	0.500	1.500	20
31CF250005	F14	0.250	0.500	1.500	20
32CF250005	F16	0.250	0.500	1.500	20
38CF250005	F19	0.250	0.500	1.500	20
24CF250007	F302	0.250	0.750	1.500	20
31CF250007	F14	0.250	0.750	1.500	20
32CF250007	F16	0.250	0.750	1.500	20
38CF250007	F19	0.250	0.750	1.500	20

MMG/NEOSID (CANADA) LIMITED

FERRITE COIL FORMS

PART NUMBER	MAT'L	O.D.	LENGTH	WIRE	
		inches	inches	LENGTH inches	AWG
24CF250008	F302	0.250	0.875	1.500	20
31CF250008	F14	0.250	0.875	1.500	20
32CF250008	F16	0.250	0.875	1.500	20
38CF250008	F19	0.250	0.875	1.500	20
24CF250010	F302	0.250	1.000	1.500	20
31CF250010	F14	0.250	1.000	1.500	20
32CF250010	F16	0.250	1.000	1.500	20
38CF250010	F19	0.250	1.000	1.500	20
24CF250012	F302	0.250	1.250	1.500	20
31CF250012	F14	0.250	1.250	1.500	20
32CF250012	F16	0.250	1.250	1.500	20
38CF250012	F19	0.250	1.250	1.500	20
24CF250015	F302	0.250	1.500	1.500	20
31CF250015	F14	0.250	1.500	1.500	20
32CF250015	F16	0.250	1.500	1.500	20
38CF250015	F19	0.250	1.500	1.500	20
24CF375010	F302	0.375	1.000	1.500	20
31CF375010	F14	0.375	1.000	1.500	20
32CF375010	F16	0.375	1.000	1.500	20
38CF375010	F19	0.375	1.000	1.500	20
24CF375012	F302	0.375	1.250	1.500	20
31CF375012	F14	0.375	1.250	1.500	20
32CF375012	F16	0.375	1.250	1.500	20
38CF375012	F19	0.375	1.250	1.500	20
24CF375015	F302	0.375	1.500	1.500	20
31CF375015	F14	0.375	1.500	1.500	20
32CF375015	F16	0.375	1.500	1.500	20
38CF375015	F19	0.375	1.500	1.500	20
24CF437010	F302	0.437	1.000	1.500	20
31CF437010	F14	0.437	1.000	1.500	20
32CF437010	F16	0.437	1.000	1.500	20
38CF437010	F19	0.437	1.000	1.500	20

MMG/NEOSID (CANADA) LIMITED

FERRITE COIL FORMS

PART NUMBER	MAT'L	O.D.	LENGTH	WIRE	
		inches	inches	LENGTH inches	AWG
24CF437012	F302	0.437	1.250	1.500	20
31CF437012	F14	0.437	1.250	1.500	20
32CF437012	F16	0.437	1.250	1.500	20
38CF437012	F19	0.437	1.250	1.500	20
24CF437015	F302	0.437	1.500	1.500	20
31CF437015	F14	0.437	1.500	1.500	20
32CF437015	F16	0.437	1.500	1.500	20
38CF437015	F19	0.437	1.500	1.500	20

** NEOSID HAD INCORPORATED INTO ITS PART NUMBER THE LENGTH AND GAUGE THE LEAD WIRE. THE "F" IN THE PART NUMBER INDICATES A #20 X 1.5" LEAD. TO SPECIFY A DIFFERENT LEAD WIRE, NEOSID HAS AVAILABLE AS FOLLOWS:

- G - #22 X 1.5" LEAD WIRE
- D - #18 X 1.75" LEAD WIRE
- E - #18 X 1.5" LEAD WIRE

IF ANOTHER SIZE OF LENGTH IS REQUIRED PLEASE CONTACT THE FACTORY