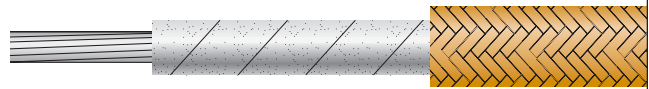


Type MGT 538°C

538°C

Type MGT



600 Volt/538°C (non UL)

Conductor: Flexible, stranded, 27% nickel-coated copper.

Insulation: Glass reinforced mica tapes.

Jacket: Glass braid impregnated with high temperature finisher.

Stock Color: Tan. (Other colors also available. Consult factory.)

Physical Properties: Superior resistance to high temperature and the effects of radiation. Insulating materials retain their integrity after exposure to 10¹² Roentgens of radiation.

Uses: For wiring in ovens and other high temperature equipment where temperatures do not exceed 538°C.

Listing: By UL (Style 5107) and CSA Class I Group A-450°C.

Options: Anti-fray Anti-itch braids. Multi-conductor cables available.

Nominal Thicknesses: Insulation

22-12 AWG .025" (.64mm); 10-4 AWG .030" (.76mm);
2-4/0 AWG .035" (.89mm)

Jacket

22-12 AWG .007" (.18mm); 10-4 AWG .015" (.38mm);
2-4/0 AWG .020" (.51mm)

Cable USA Part No.	Size AWG	Strand	Nom. OD (In./mm)	Nom. Bend Radius (In./cm)	Weight Lbs./m' Kg/Km
442201C6	22	7x.010	.092/2.34	.92/2.34	7/10
442001C6	20	10x.010	.102/2.59	1.02/2.64	8/12
441801C6	18	16x.010	.110/2.79	1.10/2.79	12/18
441601C6	16	26x.010	.120/3.05	1.20/3.05	16/24
441401C6	14	41x.010	.135/3.43	1.35/3.43	22/33
441201C6	12	65x.010	.154/3.91	1.54/3.91	25/37
441001C6	10	105x.010	.208/5.28	2.08/5.28	43/64
440801C6	8	133x.0113	.250/6.35	2.50/6.35	70/104
440601C6	6	133x.0142	.290/7.37	2.90/7.37	104/155
440401C6	4	133x.0179	.350/8.89	3.50/8.89	166/247
440201C6	2	133x.0226	.445/10.54	4.15/10.54	260/387
440101C6	1	259x.0180	.490/12.45	4.70/11.94	325/484
441X01C6	1/0	259x.0202	.515/13.08	5.13/13.03	399/595
442X01C6	2/0	259x.0227	.570/14.48	5.67/14.48	493/735
443X01C6	3/0	259x.0255	.630/16.00	6.30/16.00	623/928
444X01C6	4/0	259x.0286	.700/17.78	7.00/17.78	762/1135

Larger Sizes available. Please contact factory.

Standard Putups: 500, 1000 and 2500 ft. spools. Longer lengths available. Consult factory.

300 Volt/538°C

Note: Construction, colors, physical properties and uses are same as 600V above.

Listing: Listed by UL (Style 5128). 450°C.

Nominal Thicknesses: Insulation

22-12 AWG .015" (.38mm); 10-4 AWG .020" (.51mm)

Jacket

22-12 AWG .007" (.18mm); 10-4 AWG .015" (.38mm)

Cable USA Part No.	Size AWG	Strand	Nom. OD (In./mm)	Nom. Bend Radius (In./cm)	Weight Lbs./m' Kg/Km
442201C3	22	7x.010	.075/1.91	.75/1.91	6/9
442001C3	20	10x.010	.080/2.03	.80/2.03	7/10
441801C3	18	16x.010	.092/2.34	.92/2.31	9/13
441601C3	16	26x.010	.100/2.54	1.00/2.54	13/19
441401C3	14	41x.010	.114/2.90	1.14/2.89	18/27
441201C3	12	65x.010	.135/3.43	1.35/3.45	27/40
441001C3	10	105x.010	.200/5.1	1.76/4.46	46/69
440801C3	8	133x.0113	.240/6.1	2.60/6.58	69/103
440601C3	6	133x.0142	.290/7.4	3.10/7.85	103/153
440401C3	4	133x.0179	.340/8.6	4.32/10.94	156/232

Standard Putups: 500, 1000 and 2500 ft. spools. Longer lengths available. Consult factory.

Cable USA, Inc.

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