



Your Quality Source for Electrical Wire

U.L. AWM Style 5107

AWG	COND. STRANDING	NOM. INSUL. THICK. (IN)	FIBERGLASS BRAIND THICK. (IN)	NOM. O.D. (IN)	APPROX LBS/MFT	AMPS
24	7/.0080	0.025	0.007	0.0900	6.00	9.5
22	7/.0100	0.025	0.007	0.0980	8.00	17
20	10/.0100	0.025	0.007	0.1040	10.00	23
18	16/.0100	0.025	0.007	0.1140	12.00	31
16	26/.0100	0.025	0.007	0.1270	16.00	40
14	41/.0100	0.025	0.007	0.1410	23.00	55
12	65/.0100	0.025	0.007	0.1610	31.00	75
10	105/.0100	0.030	0.015	0.2120	50.00	100
8	133/.0111	0.030	0.015	0.2650	76.00	130
6	133/.0142	0.030	0.015	0.3080	115.00	175
4	133/.0177	0.030	0.015	0.3650	155.00	235
2	133/.0223	0.035	0.020	0.4550	0.00	315
1	259/.0177	0.035	0.020	0.4980	300.00	420
1/0	259/.0202	0.035	0.020	0.5350	380.00	490
2/0	259/.0229	0.035	0.020	0.5960	485.00	580
3/0	259/.0255	0.035	0.020	0.6560	600.00	675
4/0	259/.0286	0.035	0.020	0.7210	0.00	785
250	427/.0255	0.040	0.020	0.7750	915.00	865
500	427/.0342	0.040	0.020	1.0450	1770.00	1400

MGT Wire, MG Cable  
 High Temperature Cable  
 600 V UL & CSA  
 450°C (UL)  
 1000°F (NON-UL)

MGT Wire Applications:

MGT Wire and MG Cable may be used for internal wiring of commercial, industrial and household ovens. MGT wire/MG Wire is ideal for electric heaters and for equipment wiring in iron mills, steel mills, and glass plants. MG Wire may also be used for cement kilns.

MGT Wire Construction:

Conductor: Stranded 27% nickel-coated copper  
 Insulation: Glass reinforced mica tapes  
 Jacket: Fiberglass (hi-temp) braid overall

