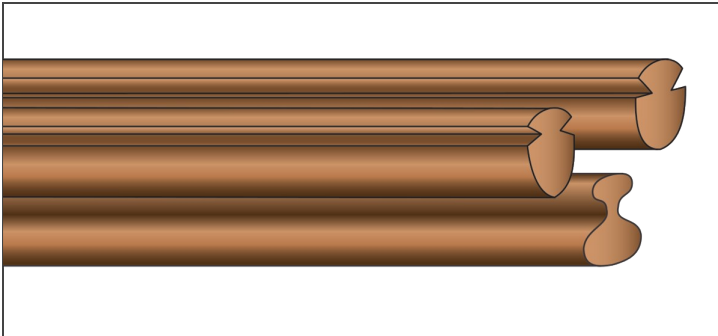


CONTACT WIRE



COPPER
Trolley Wire
(for Electrified Rail Systems)



Description:

Single conductor, solid copper, having a hard drawn temper, made in the configuration of grooved, figure 8, or figure 9.

Standards:

ASTM Standards: B-47, B-116
RoHS Compliant

Application:

Suitable for use as an overhead power source for electric railroad locomotives, cranes, light rail transit systems, and underground mining motor cars.

Part Number	Nominal Conductor Size (AWG or Kcmil)	Overall Diameter (in.)	Overall Diameter (mm)	Area Circular (mils)	Area Square (in.)	Area Square (mm)	Weight (lb./1000')	Weight (lb./mile)	Weight (kg/km)	Tensile Strength (Minimum) (lb./sq. in.)	Tensile Strength Minimum (kg/sq. mm)	Resistance (68°F/20°C) OHMS/1000'	Resistance (68°F/20°C) OHMS/mile	Resistance (68°F/20°C) OHMS/km	Minimum Breaking Strength (lb.)	Minimum Breaking Strength (kg)
BGRV2/0CU	2/0	0.392	9.956	137,900	0.108	69.9	417.4	2,204	621	50,200	35.3	0.077	0.409	0.254	5,437	2,466
BGRV3/0CU	3/0	0.430	10.922	167,300	0.131	84.8	506.4	2,674	753	48,500	34.1	0.064	0.337	0.209	6,373	2,891
BGRV4/0CU	4/0	0.482	12.243	212,000	0.167	107.4	641.7	3,388	955	46,600	32.8	0.050	0.266	0.165	7,759	3,519
BGRV300CU	300	0.574	14.580	299,800	0.236	151.9	907.5	4,792	1,350	44,200	31.1	0.036	0.188	0.117	10,410	4,722
BGRV350CU	350	0.620	15.748	351,200	0.276	177.9	1,063.0	5,613	1,582	42,800	30.1	0.030	0.161	0.100	11,810	5,357
BFIG81/0CU	1/0	0.420x0.312	10.7x7.9	105,600	0.083	53.5	319.7	1,687	475	51,800	36.4	0.101	0.534	0.332	4,296	1,949
BFIG82/0CU	2/0	0.480x0.352	12.2x8.9	133,100	0.105	67.4	402.9	2,127	599	50,200	35.3	0.080	0.424	0.263	5,248	2,380
BFIG83/0CU	3/0	0.510x0.400	13.7x10.2	167,800	0.132	85.0	507.9	2,682	755	48,500	34.1	0.064	0.336	0.209	6,392	2,899
BFIG84/0CU	4/0	0.600x0.450	15.2x11.1	211,600	0.166	107.2	640.5	3,382	953	46,600	32.8	0.051	0.266	0.166	7,744	3,513
BFIG8350CU	350	0.754x0.570	19.2x14.5	350,100	0.275	177.4	1,060.0	5,595	1,577	42,800	30.1	0.031	0.161	0.100	11,770	5,339
BFIG9350CU	350	0.707x0.496	17.9x12.6	348,900	0.274	176.8	1,056.0	5,576	1,571	42,800	30.1	0.031	0.162	0.100	11,730	5,321
BFIG9400CU	400	0.715x0.522	18.9x14.0	397,200	0.312	201.3	1,202.0	6,348	1,789	41,300	29.0	0.027	0.142	0.088	12,880	5,842

NOTE: The data shown is approximate and subject to standard industry tolerances.