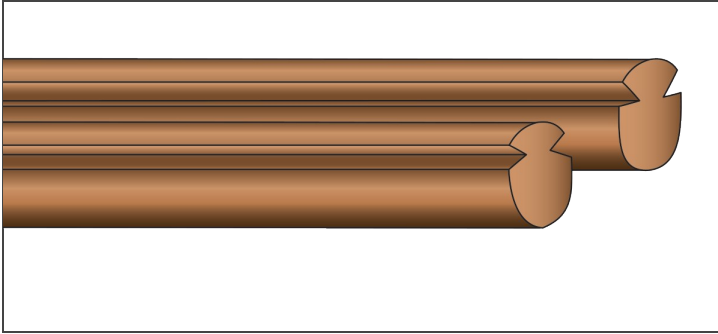


**CONTACT WIRE**



**BRONZE-TIN**  
(for Electrified Rail Systems)



**Description:**

Single conductor, solid tin, having a hard drawn temper, made in the configuration of grooved.

**Standards:**

ASTM B-9  
RoHS Compliant

**Application:**

Overhead catenary system used as power for light rail systems, cranes, electric railroad locomotives and underground mining 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	Min. Breaking Strength (lb.)	Min. Breaking Strength (kg)
BGRV2/0SN80	2/0	0.376	9.557	137,900	0.108	69.9	417.4	2,204	621.0	69,000	48.50	0.094	0.496	0.309	7,473	3,390
BGRV3/0SN80	3/0	0.430	10.922	167,300	0.131	84.8	506.0	2,674	753.0	67,000	47.10	0.077	0.409	0.254	8,804	3,993
BGRV4/0SN80	4/0	0.459	11.670	211,165	0.166	107.0	661.0	3,488	983.0	63,820	44.87	0.070	0.372	0.231	10,274	4,660
BGRV300SN80	300	0.544	13.820	296,025	0.233	150.0	926.0	4,889	1,378.0	60,919	42.83	0.050	0.266	0.165	13,735	6,230
BGRV350SN80	350	0.620	15.748	351,200	0.276	166.3	1,063.0	5,613	1,582.0	59,500	41.80	0.037	0.195	0.121	16,410	7,414
BFIG9335SN80	336.4	0.680x0.482	17.3x12.2	336,400	0.264	170.4	1,018.0	5,377	1,515.0	56,800	39.90	0.039	0.205	0.127	15,010	6,809

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