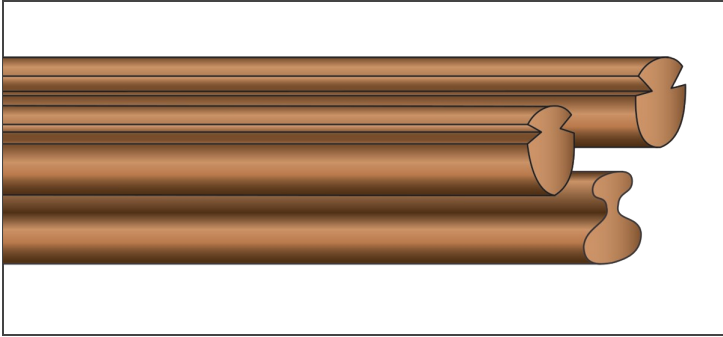


**CONTACT WIRE**



**SILVER-BEARING**  
(for Electrified Rail Systems)



**Description:**

Single conductor, silver-bearing, having a hard drawn temper, made in the configuration of grooved.

**Standards:**

ASTM Standards: B-47, B-116  
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	Minimum Breaking Strength (lb.)	Minimum Breaking Strength (kg)
BGRV2/0AG	2/0	0.392	9.957	137,900	0.108	69.9	418.0	2,205	621	53,000	37.3	0.077	0.409	0.254	5,740	2,600
BGRV3/0AG	3/0	0.430	10.922	167,300	0.131	84.8	506.0	2,674	755	52,700	37.1	0.064	0.337	0.209	6,920	3,140
BGRV4/0AG	4/0	0.482	12.243	212,000	0.167	107.4	642.0	3,389	955	51,300	36.1	0.050	0.266	0.165	8,540	3,870
BGRV300AG	300	0.574	14.580	299,800	0.236	151.9	908.0	4,792	1,350	48,000	33.7	0.036	0.188	0.117	11,300	5,130
BGRV350AG	350	0.620	15.748	351,200	0.276	177.9	1,063.0	5,613	1,581	44,600	31.4	0.030	0.161	0.100	12,300	5,580
BFIG81/0AG	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
BFIG82/0AG	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
BFIG83/0AG	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
BFIG84/0AG	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
BFIG8350AG	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
BFIG9350AG	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
BFIG9400AG	400	0.715x0.552	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.*