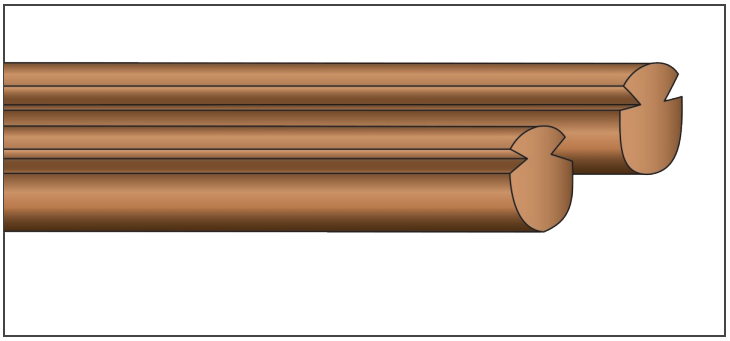
CONTACT WIRE



BRONZE-MAGNESIUM

(for Electrified Rail Systems)

ISO 9001: 2015 · RoHS COMPLIANT · Made in the USA · REACH COMPLIANCE

Description:

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

Application:

Overhead catenary system used as power for light rail systems, cranes, electric railroad locomotives and underground mining cars.

Standards:

ASTM B-9
RoHS Compliant

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)
BGRV2/0MG80	2/0	0.392	9.957	137,948	0.108	69.9	430	2,272	640.46	76,362	53.69	0.101	0.532	0.331	7,012	3,180
BGRV3/0MG80	3/0	0.430	10.922	167,353	0.131	84.8	522	2,757	776.98	62,945	44.25	0.083	0.439	0.273	8,506	3,858
BGRV4/0MG80	4/0	0.459	11.670	211,165	0.166	107.0	659	3,477	980.00	63,820	44.87	0.066	0.348	0.216	10,274	4,660
BGRV300MG80	300	0.544	13.820	296,025	0.233	150.0	923	4,875	1,374.00	60,919	42.83	0.047	0.248	0.154	13,735	6,230
BGRV350MG80	350	0.620	15.748	351,200	0.276	166.3	1,063	5,613	1,582.00	59,500	41.80	0.037	0.195	0.121	16,410	7,414
BGRV2/0MG55	2/0	0.392	9.957	137,948	0.108	69.9	430	2,272	640.46	86,325	60.69	0.134	0.709	0.441	7,936	3,600
BGRV3/0MG55	3/0	0.430	10.922	167,353	0.131	84.8	522	2,757	776.98	71,157	50.03	0.111	0.585	0.363	9,628	4,367
BGRV4/0MG55	4/0	0.459	11.670	211,165	0.166	107.0	659	3,477	980.00	72,525	50.99	0.082	0.431	0.268	11,667	5,292
BGRV300MG55	300	0.544	13.820	296,025	0.233	150.0	923	4,875	1,374.00	68,172	47.93	0.058	0.307	0.191	15,377	6,975
BGRV350MG55	350	0.620	15.748	351,200	0.276	166.3	1,063	5,613	1,582.00	62,500	43.90	0.054	0.283	0.176	17,240	7,820
BFIG9335MG55	336.4	680x.482	17.3x12.2	336,400	0.264	170.4	1,018	5,377	1,515.00	61,500	43.20	0.056	0.296	0.184	16,250	7,371

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