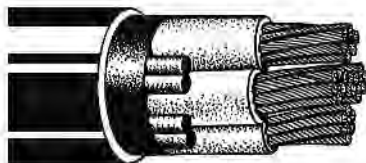## Type W Lead Cured

Product Description
Heavy duty
EPR insulation
Thermoset jacket
90°C, 600/2,000 V

Applications
For use in mining machines, loaders and welders; as motor leads; in temporary power installations; in utility maintenance; and in other mobile equipment.

Specifications
– CONDUCTOR*: Rope-stranded, tinned copper
– INSULATION: Ethylene Propylene Rubber (EPR)
– ASSEMBLY: The specified number of conductors cabled with fillers, over-wrapped with reinforced binder, separator where applicable
– OVERALL JACKET: Lead cured thermoset compound
– STANDARDS: Meets the requirements of ICEA S-75-381 (NEMA WC58), accepted by MSHA and marked with the manufacturer's P number
– AMPACITY: Based on an ambient temperature of 40°C and conductor temperature of 90°C per ICEA S-75-381, Table H-1. Additional ampacities available in NEC Table 400.5 (B)
– TEMPERATURE: 90°C
– VOLTAGE: 600/2,000 V

CV cured available. Diameters and weights may vary among manufacturers.

Part No.	Conductor Size AWG/kcmil	No. of Strands	No. of Conductors	Insulation Thickness (in.)	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.	Amps per Conductor
5B-0801	8	133	1	0.060	0.440	130	83
5B-0802	8	133	2	0.060	0.810	400	72
5B-0803	8	133	3	0.060	1.005	564	59
5B-0804	8	133	4	0.060	1.025	674	54
5B-0601	6	133	1	0.060	0.510	175	109
5B-0602	6	133	2	0.060	0.930	580	95
5B-0603	6	133	3	0.060	1.010	740	79
5B-0604	6	133	4	0.060	1.100	895	72
5B-0401	4	259	1	0.060	0.570	230	145
5B-0402	4	259	2	0.060	1.080	770	127
5B-0403	4	259	3	0.060	1.170	1,050	104
5B-0404	4	259	4	0.060	1.270	1,300	93
5B-0301	3	259	1	0.060	0.630	310	167
5B-0303	3	259	3	0.060	1.240	1,195	120
5B-0304	3	259	4	0.060	1.340	1,465	106
5B-0201	2	259	1	0.060	0.660	375	192
5B-0202	2	259	2	0.060	1.270	1,150	167
5B-0203	2	259	3	0.060	1.340	1,390	139
5B-0204	2	259	4	0.060	1.480	1,805	122
5B-0101	1	259	1	0.080	0.740	455	223
5B-0102	1	259	2	0.080	1.440	1,500	191
5B-0103	1	259	3	0.080	1.510	1,775	161
5B-0104	1	259	4	0.080	1.680	2,260	143
5B-1011	1/0	259	1	0.080	0.770	500	258
5B-1012	1/0	259	2	0.080	1.520	1,700	217
5B-1013	1/0	259	3	0.080	1.650	2,320	186
5B-1014	1/0	259	4	0.080	1.790	2,605	165
5B-2021	2/0	259	1	0.080	0.820	600	298
5B-2022	2/0	259	2	0.080	1.650	2,220	250
5B-2023	2/0	259	3	0.080	1.750	2,590	215
5B-2024	2/0	259	4	0.080	1.930	3,380	192
5B-3031	3/0	259	1	0.080	0.890	770	345
5B-3033	3/0	259	3	0.080	1.890	2,345	249
5B-3034	3/0	259	4	0.080	2.070	3,850	221
5B-4041	4/0	259	1	0.080	0.930	895	400
5B-4043	4/0	259	3	0.080	2.040	3,715	287
5B-4044	4/0	259	4	0.080	2.260	4,505	255
5B-2501	250	608	1	0.095	1.030	1,101	445
5B-2503	250	608	3	0.095	2.390	4,050	320
5B-3501	350	851	1	0.095	1.150	1,410	552
5B-3503	350	851	3	0.095	2.680	5,300	394
5B-5001	500	1,221	1	0.095	1.310	1,940	695
5B-5003	500	1,221	3	0.095	3.030	8,080	487

Conductor color code chart

Number of Conductors	Cable Types	Color Identification	Number of Conductors	Cable Types	Color Identification
2	All	Black, White	4	G Round	Black, White, Red, Orange
3	G or G-GC Round or Flat	Black, White, Red	4	W Round	Black, White, Red, Green
3	SHD-GC	Black, White, Red	5	W Round	Black, White, Red, Green, Orange
3	W Round and Flat	Flat Black, White, Green	Ground Check Conductor	SHD-GC, GGC and MPF-GC	Yellow