

Type G

2000 V Portable Power Cable 90°C UL C(UL) MSHA



Construction

Conductors:	Flexible Stranded tinned copper, ASTM B-172 Class I and ICEA S-75-381/NEMA WC58
Insulation:	Ethylene-propylene rubber (EPR)
Grounding Conductors:	Insulation color green
Assembly:	
Separator:	Single faced rubber filled binder tape applied overall
Jacket:	Black Heavy duty CPE thermoset compound
Color code:	Black, White, Red, Orange

Features

- Excellent flexibility
- Ozone, sun, weather and flame resistant
- Rated and flexible at -40°C to + 90°C
- Excellent impact and abrasion resistant
- Oil and heat resistant
- Bend radius: 6 x OD

Approvals

- UL: Oil Resistant, Oil resistant inners, sunlight resistant 90°C wet or dry
- C(UL): FT1, FT5, -40°C + 90°C
- MSHA

Specification and Standards

- ICEA S-75-381/NEMA WC58, ICEA S-95-658/NEMA WC70, ASTM B172, ASTM B 33, UL 44, UL 1581

Application

Use on AC off track equipment such as miners, shuttle cars, cutting machines, loading machine, drills, conveyors, and pumps. Power to open pit strip and deep mines.

Part Number	Conductor Size AWG/MCM	Power Conductor Stranding	Ground Conductor Size	Insulation Thickness Inch (mm)	Nominal O.D. Inch (mm)	Cable Wt lbs/Mft (kg/km)	Ampacity A
X-G-8-4-2KV	8	133 7x19	12	0.06 (1.52)	0.99 (25.1)	748 (1113)	52
X-G-6-4-2KV	6	259 7x37	12	0.06 (1.52)	1.10 (27.9)	910 (1354)	69
X-G-4-4-2KV	4	259 7x37	10	0.06 (1.52)	1.27 (32.3)	1378 (2050)	91
X-G-2-4-2KV	2	259 7x37	9	0.06 (1.52)	1.48 (37.6)	1914 (2848)	121
X-G-1-4-2KV	1	259 7x37	8	0.08 (2.03)	1.68 (42.7)	2311 (3439)	141
X-G-1/O-4-2KV	1/O	266 19x14	7	0.08 (2.03)	1.79 (45.5)	2810 (4181)	164
X-G-2/O-4-2KV	2/O	343 19x18	6	0.08 (2.03)	1.93 (49.0)	3253 (4842)	189
X-G-3/O-4-2KV	3/O	259 37x7	5	0.08 (2.03)	2.07 (52.6)	4099 (6100)	219
X-G-4/O-4-2KV	4/O	532 19x28	4	0.08 (2.03)	2.26 (57.4)	4925 (7329)	252
X-G-250-4-2KV	250	627 19x33	3	0.095 (2.413)	2.66 (67.6)	6060 (9018)	281
X-G-350-4-2KV	350	888 37x24	1	0.095 (2.413)	2.98 (75.7)	8126 (12093)	346
X-G-500-4-2KV	500	1221 37x33	1/O	0.095 (2.413)	3.40 (86.4)	10758 (16010)	428