

TYPES G, G-GC ROUND

PORTABLE POWER CABLE - 2000 VOLT, 90°C

Construction

Conductor:

- Each conductor is fabricated with rope lay concentric copper. The strands are uncoated annealed copper.

Insulation:

- EPDM with exceptional dielectric and mechanical properties. Rated for 90°C (2,000 volts). Has superior overload (130°C) and short circuit (250°C) protection, high tensile strength and resistance to crushing and impact. Color Coded per ICEA.

Ground Wire:

- Ground wires are composed of flexible uncoated copper strands. The ground conductors are divided into segments of equal cross sectional area. They are covered with green rubber to reduce abrasion against other cable components and to provide long cable life while in heavy-duty service.

Jacket:

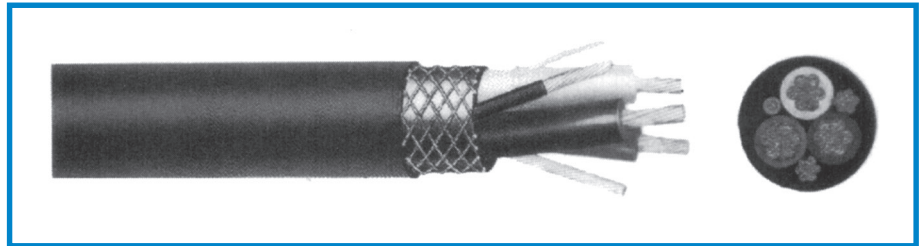
- A heavy-duty jacket of tough, thermosetting chlorinated polyethylene is vulcanized over the cable core assembly.
- The jacket is resistant to oil, sunlight, ozone, grease, acids, water, abrasion and impact.
- 40°C to +90°C.

Features:

- Excellent impact and abrasive resistant. Withstands exposure to oil, acids, alkalis, heat, moisture and most chemicals.
- Rated 90°C and 2,000 volts.
- Designed for heavy-duty use.
- Long service life.
- Heavy-duty chlorinated polyethylene jacket.
- EP rubber insulation on conductors and green rubber covering on grounds.
- MSHA approved - ICEA S75-381.
- Water resistant.
- Sunlight resistant.
- Non-wicking rubber fillers (on G-GC).

Applications:

- Portable cables, depending on the type (W, G, or G-GC), are recommended for applications such as cranes, conveyors, mobile equipment, temporary power supply use, portable and stationary heavy-duty equipment.



CUSTOM CATALOG NUMBER	SIZE	STRAND	NOM. INSUL. THICKNESS	GROUND WIRE	GROUND CHECK	NOMINAL O.D.	CURRENT	NOMINAL WEIGHT
	AWG/MCM		INCHES	AWG	AWG	INCHES	AMPS*	LBS/MFT
TYPE G OR G-GC (3 CONDUCTOR)								
9250	8	133	0.060	2-#10	10	0.970	59	665
9251	6	259	0.060	2-#10	10	1.050	79	830
9252	4	259	0.060	2-#8	10	1.165	104	1145
9254	2	259	0.060	2-#7	10	1.340	138	1485
9255	1	259	0.080	2-#6	8	1.510	161	2100
9256	1/0	259	0.080	2-#5	8	1.650	186	2550
9257	2/0	259	0.080	2-#4	8	1.750	215	3020
9258	3/0	259	0.080	2-#3	8	1.890	249	3660
9259	4/0	259	0.080	2-#2	8	2.040	287	4410
9260	250	627	0.095	2-#2	8	2.390	320	6060
9262	350	855	0.095	2-#1/0	8	2.680	394	7400
9264	500	1235	0.095	2-#2/0	8	3.030	487	10100
TYPE G (4 CONDUCTOR)								
9266	8	133	0.060	4-#12	-	0.990	54	635
9267	6	259	0.060	4-#12	-	1.100	72	900
9268	4	259	0.060	4-#10	-	1.245	93	1280
9270	2	259	0.060	4-#9	-	1.480	122	2000
9271	1	259	0.080	4-#8	-	1.680	143	2660
9272	1/0	259	0.080	4-#7	-	1.790	165	3140
9273	2/0	259	0.080	4-#6	-	1.930	192	3780
9274	3/0	259	0.080	4-#5	-	2.070	221	4500
9275	4/0	259	0.080	4-#4	-	2.260	255	5520
9276	250	627	0.094	4-#3	-	2.660	280	5920
9277	350	888	0.094	4-#2	-	2.980	335	7885
9294	500	1221	0.094	4-#1/0	-	3.400	395	10660

* Ampacity based on 90°C conductor temperature and 40°C ambient temperature.

Conductor Color Coding:

3 conductor - Black-White-Red

4 conductor - Black-White-Red-Orange



Custom Cable Corp.