



Type G

2000V

ASTM B-33, UL 44, UL 1650, CSA C22.2 96-13

Portable Power Cable 90°C UL C(UL) MSHA Industrial Grade

APPLICATIONS

Use on AC off track equipment such as miners, shuttle cars, cutting machines, drills, conveyors and pumps. Power to open pit strip and deep mines. For applications requiring ground check for added safety. Other industrial applications

CONSTRUCTION

Conductors	Annealed flexible stranded tin copper
Separator	Tape separator between conductor and insulation
Insulation	Ethylene-propylene rubber (EPR)
Grounding conductors	Annealed flexible stranded tin copper. Green EPR insulation over conductors
Color Code	Black, white, red, orange
Assembly	Power and grounds cores cabled together to form a round core
Reinforcement	Single faced rubber filled binder tape over core.
Jacket	Black heavy duty CPE thermosetting compound.
Bending radius	Minimum 6 x outer diameter.
Bending radius	Minimum 6 x outer diameter.



Features

Excellent flexibility. Water resistant and flame resistant. Rated and flexible at -40°C to +90°C. Excellent impact and abrasion resistant. Ozone, sunlight, oil, grease weather and chemical resistant

Approvals

UL: E207132 - Oil Resistant Oil Resistant Inners, Sunlight resistant 90°C Wet or Dryy
C(UL): E207132, FT1, FT5 -40°C to +90°C, **MSHA:** P-7K-268101

Technical and Electrical Characteristic

Part Number	Power conductor size	Power conductor stranding	Size GRD	Nominal Insulation Thickness		Outside Diameter		Approx. Weight		Ampacity(1)
	AWG or MCM	No. of wires	AWG	Inches	mm	Inches	mm	Lbs./1000ft.	kg/km	A
G8-4	8	133	12	0.06	1.52	0.98	24.9	679	1010	52
G6-4	6	259	12	0.06	1.52	1.10	28.0	890	1325	70
G4-4	4	259	10	0.06	1.52	1.22	30.9	1226	1824	91
G3-4	3	259	10	0.06	1.52	1.29	32.8	1419	2112	106
G2-4	2	259	9	0.06	1.52	1.44	36.6	1782	2652	122
G1-4	1	259	8	0.08	2.03	1.59	40.4	2184	3250	142
G1/0-4	1/0	266	7	0.08	2.03	1.70	43.3	2611	3886	164
G2/0-4	2/0	342	6	0.08	2.03	1.85	47.1	3256	4845	190
G3/0-4	3/0	418	5	0.08	2.03	1.96	49.9	3778	5622	219
G4/0-4	4/0	532	4	0.08	2.03	2.15	54.7	4655	6927	253
G250-4	250	627	3	0.095	2.41	2.53	64.2	5844	8696	282
G350-4	350	888	1	0.095	2.41	2.83	71.8	7924	11791	346
G500-4	500	1221	1/0	0.095	2.41	3.24	82.2	10537	15680	429

**Based on Standard*

(1) Ampacities based on 90°C Conductor and 30°C Ambient temperature per table 400.5(A)(2) of the National Electrical Code®

Standard print legend:

TF CABLE (SIZE) TYPE G PORTABLE POWER CABLE 2000V 90C SUN RES OIL RES 90C WET OR DRY (UL) E207132 C(UL) FT1 FT 5 (-40C) P-7K-268101-MSHA

Special factory option

Jacket:	Other colors available
MSHA:	P-7K-268077 (Neoprene)
CSA:	1523058 (LR 103932) -FT1; FT5 ; 90°C (-40°C) (Neoprene)
Jacket TPU:	Other colors available
MSHA:	P-07-KA120001 (TPU)

All the information in this document – including tables and diagrams – is given in good faith and believed to be correct at the time of publication. The information does not constitute a warranty nor representation for which TELE-FONIKA Kable assumes legal responsibility. TELE-FONIKA Kable reserves rights to introduce changes to the document at any time