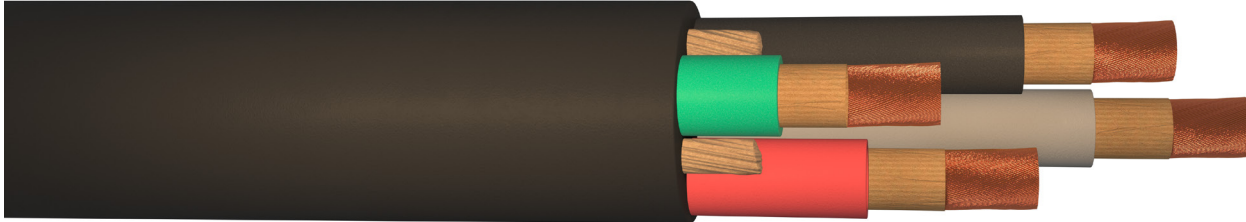


SE00W (MSHA)

MULTI-CONDUCTOR POWER CABLE



Applications

Direct's SE00W cable is a flexible multi-conductor portable power solution designed for a wide range of industrial environments, including temporary power, construction sites, disaster recovery, heavy equipment, portable tools, motor control, industrial automation, and stage equipment. SE00W offers superior cold-weather handling, improved moisture resistance, and reduced weight for easier use in the field.

Construction

- Rope-lay, bunch-stranded 30 AWG SAE Class K oxygen-free copper conductors
- Internal conductors insulated with proprietary LSHF TPE compound; color-coded
- Twisted and reinforced with wrapped paper spacers
- Jacketed with proprietary TPE compound

See reverse for construction details and technical specifications

SE00W (MSHA) | MULTI-CONDUCTOR POWER CABLE

AWG SIZE / # OF COND	COND STRANDS / DIAM (OR) GA	COND WALL THICKNESS (NOM)		JACKET THICKNESS (NOM)		OUTSIDE DIAMETER (NOM)		AMPACITY ¹	APPROX LBS PER 1K'
		INCHES	MM	INCHES	MM	INCHES	MM		
8 / 2	182 / 30	0.060	1.27	0.060	1.52	0.668	16.36	40 A	266
8 / 3	182 / 30	0.060	1.27	0.060	1.52	0.710	17.86	40 A	343
8 / 4	182 / 30	0.060	1.27	0.060	1.52	0.782	19.56	35 A	439
6 / 2	260 / 30	0.060	1.27	0.060	1.52	0.718	17.63	55 A	303
6 / 3	260 / 30	0.060	1.27	0.060	1.52	0.764	19.33	55 A	431
6 / 4	260 / 30	0.060	1.27	0.060	2.03	0.843	21.21	45 A	547
4 / 2	364 / 30	0.060	1.27	0.080	2.03	0.814	20.07	70 A	398
4 / 3	364 / 30	0.060	1.27	0.080	2.03	0.864	21.29	70 A	545
4 / 4	364 / 30	0.060	1.27	0.080	2.03	0.951	23.42	60 A	717
2 / 2	624 / 30	0.060	1.27	0.080	2.03	0.978	24.23	95 A	578
2 / 3	624 / 30	0.060	1.27	0.080	2.03	1.041	25.78	95 A	805
2 / 4	624 / 30	0.060	1.27	0.080	2.03	1.149	28.47	80 A	983

¹Allowable ampacity per NFPA 70 / NEC Article 400. Values are based on ambient temperature of 30°C.

All data and specifications contained herein are current and subject to change without notification. All values are nominal and/or approximate and may vary.



SE00W (MSHA) MULTI-CONDUCTOR POWER CABLE

TECHNICAL SPECIFICATIONS

Construction

Conductors	<ul style="list-style-type: none">Rope-lay, bunch-stranded 30 AWG SAE Class K oxygen-free copper conductors
Voltage Rating	<ul style="list-style-type: none">600 V
Insulation & Jacket	<ul style="list-style-type: none">Internal conductors insulated with proprietary low-smoke, halogen-free TPE compound; color-codedTwisted and reinforced with wrapped paper spacersJacketed with proprietary TPE compound
Resistance Properties	<ul style="list-style-type: none">Insulation resistant to abrasion, battery acid, diesel fuel, engine coolant, engine oil, ethanol, extreme temperatures, flame, gasoline, power-steering fluid, and transmission fluidJacket resistant to abrasion, crushing force, extreme temperatures, flame, impact, oil, sunlight, and water60°C (140°F) oil resistant temperature rating (TPE compound)UL tested 720 hours sunlight resistance rating
Temperature Range	<ul style="list-style-type: none">-50°C (-58°F) to 105°C (221°F)

Standards & Certifications

Industry Approvals	<ul style="list-style-type: none">MSHA CompliantNEC Article 400 PermittedNFPA 70 Permitted30 CFR Subpart KFT-5 Flame TestedREACH, RoHS and Prop 65 Compliant	<ul style="list-style-type: none">UL-2556ASTM-B49, ASTM-B3/ASTM-B33
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Standard Stock

Available Lengths	<ul style="list-style-type: none">Reels at 250', 500', 1,000', and 2,500'Custom lengths available upon request
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Customization

Jacket Colors	<ul style="list-style-type: none">● Black (standard)
Marking Options	<ul style="list-style-type: none">Quick Print®; Surface Print; Indent Print; Logo/Icon; Sequential Marking