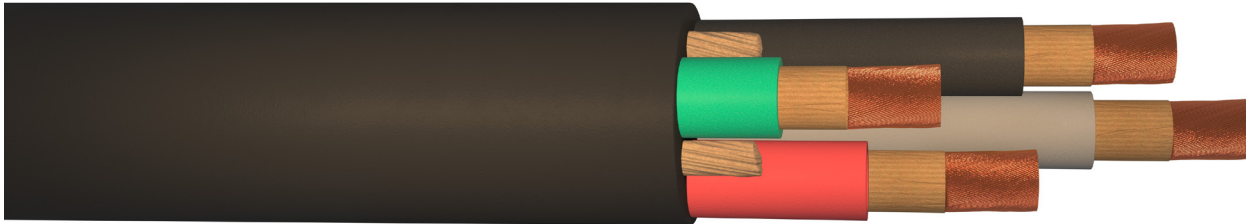


# SE00W (MSHA)

## MULTI-CONDUCTOR POWER CABLE



### Applications

Direct's SE00W (MSHA) is a versatile multi-conductor power cable designed for use in industrial and other demanding applications, including heavy equipment, construction machinery, motors and welding leads, portable lighting, battery chargers, shallow water immersion, and mining environments. SE00W (MSHA) is MSHA compliant, NEC 400 and NFPA 70 permitted, and manufactured in the USA.

### Construction

- Rope-lay, bunch-stranded 30 AWG SAE 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 <sup>1</sup>	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

<sup>1</sup>Allowable 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"><li>Rope-lay, bunch-stranded 30 AWG SAE copper conductors</li></ul>   |
| Voltage Rating      | <ul style="list-style-type: none"><li>600 V</li></ul>   |
| Insulation & Jacket | <ul style="list-style-type: none"><li>Internal conductors insulated with proprietary low-smoke, halogen-free TPE compound; color-coded</li><li>Twisted and reinforced with wrapped paper spacers</li><li>Jacketed with proprietary TPE compound</li><li>60°C (140°F) oil resistant temperature rating (TPE compound)</li><li>UL tested 720 hours sunlight resistance rating</li></ul> |
| Temperature Range   | <ul style="list-style-type: none"><li>-40°C (-40°F) to 105°C (221°F)</li></ul>  |
- 

### Standards & Certifications

---

- |                    |   |  |
|--------------------|---|--|
| Industry Approvals | <ul style="list-style-type: none"><li>MSHA Compliant</li><li>NEC Article 400 Permitted</li><li>NFPA 70 Permitted</li><li>30 CFR Subpart K</li><li>FT-5 Flame Tested</li><li>REACH, RoHS and Prop 65 Compliant</li></ul> | <ul style="list-style-type: none"><li>UL-2556</li><li>ASTM-B49, ASTM-B3/ASTM-B33</li></ul> |
|--------------------|---|--|
- 

### Standard Stock

---

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

### Customization

---

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

