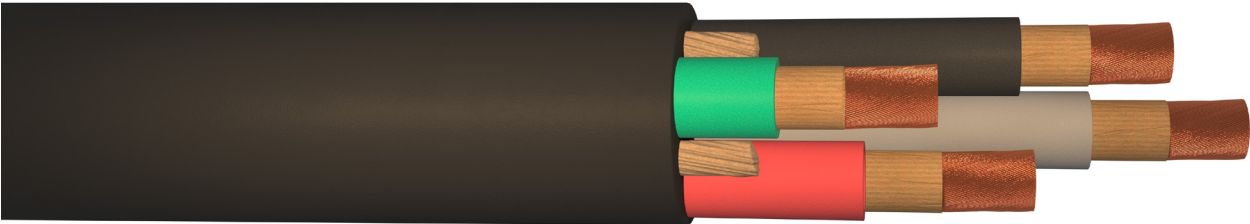


DURA-FLEX® TYPE W

MULTI-CONDUCTOR POWER CABLE



Applications

Direct's Dura-Flex® Type W is an industrial grade, portable power cable primarily used for permanent or temporary power supply. Featuring 2, 3, and 4 multi-conductor configurations with uniquely colored conductors and a round profile with a bound core, this cable ensures both durability and flexibility in various applications. Durable and versatile, the cable is also commonly deployed for heavy-use applications, including rental, mining, A/C systems, motor battery leads . Dura-Flex® is UL listed, and manufactured in the USA.

Construction

- Rope-lay, bunch-stranded 30 AWG 99.99% oxygen-free electronic (OFE) high-purity copper conductor; bare ASTM Class K OFE copper
- Separators: paper (conductor) and mesh (insulation)
- Insulated with EPDM compound
- Jacketed with proprietary CPE compound

[See reverse for construction details and technical specifications](#)

TYPE W MULTI-CONDUCTOR POWER CABLE									
AWG SIZE / # OF COND	COND STRANDS	COND WALL THICKNESS (NOM)		JACKET THICKNESS (NOM)		OUTSIDE DIAMETER (NOM)		AMPACITY¹ (amps)	APPROX LBS PER 1K'
	/ DIAM (OR) GA	INCHES	MM	INCHES	MM	INCHES	MM		
8 / 2	182 / 30	0.060	1.52	0.109	2.77	0.778	19.76	74	349
8 / 3	182 / 30	0.060	1.52	0.141	3.58	0.886	22.50	65	514
8 / 4	182 / 30	0.060	1.52	0.141	3.58	0.959	24.36	52	635
6 / 2	273 / 30	0.060	1.52	0.109	2.77	0.868	22.05	99	457
6 / 3	273 / 30	0.060	1.52	0.141	3.58	0.983	24.97	87	645
6 / 4	273 / 30	0.060	1.52	0.141	3.58	1.067	27.10	69	803
4 / 2	429 / 30	0.060	1.52	0.109	2.77	0.938	23.83	130	583
4 / 3	429 / 30	0.060	1.52	0.125	3.18	1.026	26.06	114	794
4 / 4	429 / 30	0.060	1.52	0.125	3.18	1.120	28.45	91	1006
2 / 2	676 / 30	0.060	1.52	0.141	3.58	1.140	28.96	174	909
2 / 3	676 / 30	0.060	1.52	0.141	3.58	1.207	30.66	152	1,215
2 / 4	676 / 30	0.060	1.52	0.125	3.18	1.287	32.69	121	1,476

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.



DURAFLEX® TYPE W MULTI-CONDUCTOR POWER CABLE

TECHNICAL SPECIFICATIONS

Construction

Conductors	Rope-lay, bunch-stranded 30 AWG 99.99% oxygen-free electronic (OFE) high-purity copper conductor; bare ASTM Class K OFE copper
Voltage Rating	600 V; 2,000 V
Insulation & Jacket	- Separators: Paper insulation & mesh jacket - Filler Type: twisted paper - Insulated with low-smoke, halogen-free EPDM compound - Jacketed with proprietary CPE compound - Resistant to abrasion, crushing force, extreme temperatures, flame, impact, oil, sunlight, and water - UL tested 60°C (140°F) oil resistant temperature rating - UL tested 720 hours sunlight resistance rating
Temperature Range	-40°C (-40°F) to 90°C (194°F) Dry; 90°C (194°F) Wet

Standards & Certifications

Industry Approvals	- UL 44, 1650, and 2556 - ASTM B3, B49, and B172 - MSHA Approved - FT-1, FT-2, FT-5
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Standard Stock

Available Lengths	- Reels at 250', 500', 1,000', and 2,500' - Custom lengths and assemblies available upon request
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Customization

Jacket Colors	● Black (standard) ● Blue ● Brown ● Green ● Orange ● Red ○ White ● Yellow
Marking Options	Surface Print; Indent Print; Sequential Marking; Color Stripe

