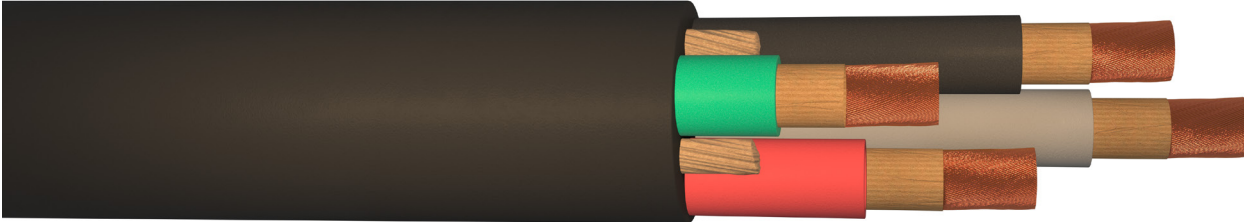


DURA-FLEX® TYPE W

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, RoHS compliant, and manufactured in the USA.

Construction

- Rope-lay, bunch-stranded 30 AWG copper conductor; bare ASTM Class K 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 / DIAM (OR) GA	COND WALL THICKNESS (NOM)		JACKET THICKNESS (NOM)		OUTSIDE DIAMETER (NOM)		AMPACITY ¹ (amps)	APPROX LBS PER 1K'
		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 | <ul style="list-style-type: none">Rope-lay, bunch-stranded 30 AWG copper conductor; bare ASTM Class K copper |
| Voltage Rating | <ul style="list-style-type: none">600 V; 2,000 V |
| Insulation & Jacket | <ul style="list-style-type: none">Separators: Paper insulation & mesh jacketFiller Type: twisted paperInsulated with low-smoke, halogen-free EPDM compoundJacketed with proprietary CPE compoundResistant to abrasion, crushing force, extreme temperatures, flame, impact, oil, sunlight, and waterUL tested 60°C (140°F) oil resistant temperature ratingUL tested 720 hours sunlight resistance rating |
| Temperature Range | <ul style="list-style-type: none">-40°C (-40°F) to 90°C (194°F) Dry; 90°C (194°F) Wet |

Standards & Certifications

- | | |
|--------------------|--|
| Industry Approvals | <ul style="list-style-type: none">UL 44, 1650, and 2556ASTM B3, B49, and B172MSHA ApprovedFT-1, FT-2, FT-5RoHS Compliant |
|--------------------|--|

Standard Stock

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

Customization

- | | |
|-----------------|---|
| Jacket Colors | <ul style="list-style-type: none">● Black (standard) ● Blue ● Brown ● Green ● Orange ● Red ○ White ● Yellow |
| Marking Options | <ul style="list-style-type: none">Surface Print; Indent Print; Sequential Marking; Color Stripe |

