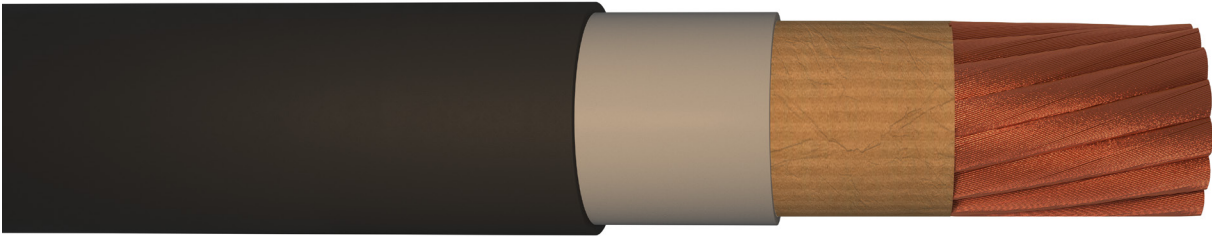


DURA-FLEX®

TYPE W POWER CABLE



Applications

Direct's Dura-Flex® Type W is an industrial grade, portable power cable primarily used for permanent or temporary power supply. Durable and versatile, the cable is also commonly deployed for heavy-use applications, including rental, mining, A/C systems, and motor battery leads. Dura-Flex is UL and cULus 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 LSHF EPDM compound
- Jacketed with proprietary CPE compound

See reverse for technical specifications

DURA-FLEX | TYPE W POWER CABLE

AWG SIZE	STRANDING	INSULATION THICKNESS		OUTSIDE DIAMETER		AMPACITY ¹	LBS PER 1,000'
	/ DIAM (OR) GA	INCHES	MM	INCHES	MM		
#6	273 / 30	.095	2.41	.503	12.78	105 A	188
#4	429 / 30	.095	2.41	.549	13.94	140 A	253
#2	676 / 30	.095	2.41	.620	15.75	190 A	350
#1	845 / 30	.095	2.41	.688	17.48	220 A	436
1 / 0	1,066 / 30	.095	2.41	.740	18.80	260 A	523
2 / 0	1,339 / 30	.095	2.41	.794	20.17	300 A	631
3 / 0	1,677 / 30	.095	2.41	.830	21.08	350 A	740
4 / 0	2,109 / 30	.095	2.41	.906	23.01	405 A	908
250 MCM	2,527 / 30	.105	2.67	1.080	27.43	455 A	1,157
350 MCM	3,478 / 30	.105	2.67	1.187	30.15	570 A	1,506

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



DURA-FLEX[®] TYPE W POWER CABLE

TECHNICAL SPECIFICATIONS

Construction

Conductors	<ul style="list-style-type: none">Rope-lay, bunch-stranded 30 AWG 99.99% oxygen-free electronic (OFE) high-purity copper conductor; bare ASTM Class K OFE copper
Voltage Rating	<ul style="list-style-type: none">600 V; 2,000 V
Insulation & Jacket	<ul style="list-style-type: none">Separators: paper (conductor) and mesh (insulation)Insulated 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 2556cULus ListedASTM B3, B49, and B172MSHA ApprovedFT-1, FT-2, and FT-5RHH / RHW / RHW-2
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Standard Stock

Available Lengths	<ul style="list-style-type: none">Coils/Assemblies at 25', 50', and 100'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) ● Blue ● Brown ● Green ● Orange ● Red ○ White ● Yellow
Marking Options	<ul style="list-style-type: none">Quick Print[®]; Surface Print; Indent Print; Sequential Marking; Color Stripe