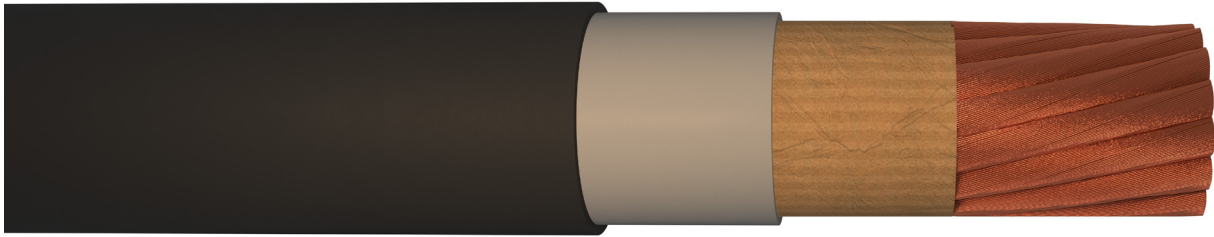


DURAFLEX®

TYPE W POWER CABLE



Applications

Direct's DURAFLEX® Type W is an industrial grade, portable power cable primarily used within environments requiring 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. DURAFLEX 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 LSHF EPDM compound
- Jacketed with proprietary CPE compound

See reverse for technical specifications

DURAFLEX | TYPE W POWER CABLE

AWG SIZE	STRANDING	INSULATION THICKNESS (NOM)		OUTSIDE DIAMETER (NOM)		AMPACITY ¹	APPROX LBS PER 1K'
	/ 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

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

DURAFLEX® TYPE W 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 (conductor) and mesh (insulation)• 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 | <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 1650• IAW UL 44 and 2556• IAW CSA C22.2 No. 96 and No. 2556• IAW ASTM B3, B49, and B172• cULus Listed | <ul style="list-style-type: none">• MSHA Approved• FT-1, FT-2, and FT-5• RHH/RHW/RHW-2• RoHS Compliant |
|--------------------|--|---|

Standard Stock

- | | |
|-------------------|--|
| Available Lengths | <ul style="list-style-type: none">• Coils/Assemblies at 25', 50', 100', and 250'• Reels at 500', 1,000', and 2,500'• Custom lengths available upon request |
|-------------------|--|

Customization

- | | |
|-----------------------|--|
| Jacket Colors | <ul style="list-style-type: none">•  Black (standard)  Blue  Green  Red  Yellow |
| Standard Print Legend | <ul style="list-style-type: none">• (DIRECT LOGO) DURAFLEX (cULus) {E #} TYPE W {AWG SIZE} 90C DRY 90C WET 2000 V SUN RES OIL RES 60C - PPC 600V 90C -40C FT5 - P-07-KA150015-MSHA |
| Marking Options | <ul style="list-style-type: none">• Quick Print®; Surface Print; Indent Print; Logo/Icon; Sequential Marking |