

Type W Reeling-flex

2000 V

ASTM B-33, UL 44, UL 1650, CSA C22.2 96-13

Portable Power Cable 90°C UL C(UL) MSHA
Industrial Grade

APPLICATIONS

Portable power systems. Mining applications where bare grounding conductors are not required. Other industrial applications.

CONSTRUCTION

Conductors	Annealed flexible stranded tinned copper
Separator	Separator between conductor and insulation
Insulation	Ethylene-propylene rubber (EPR)
Circuit identification	
2-core	Black, white
Assembly	Power cores and rubber fillers cabled together to form a round core
Separator	Single faced rubber filled binder tape applied over core
Jacket	Black heavy duty reinforced poly-chloroprene thermosetting compound
Bending radius	Minimum 6 x outer diameter



Features

Excellent flexibility. Highly ozone, sun, weather and flame resistant. Rated and flexible at -40°C to +90°C. Excellent impact and abrasion resistant. Oil and heat resistant. Indent printed for easy identification.

Approvals

UL: E207132 - Oil Resistant Oil Resistant Inners, Sunlight resistant 90 C Wet or Dry
C(UL): E207132, FT1, FT5 -40°C to +90°C **MSHA:** P-7K-268077

Technical and Electrical Characteristic

Part Number	Size AWG or MCM	Conductor Strand	Nominal Insulation Thickness		Outside Diameter		Approx. weight		Ampacity(1) A
			Inches	mm	Inches	mm	Lbs. per 1000ft.	kg/km	
2 CONDUCTOR									
W8-2 FLEX	8 AWG	133 7x19	0.06	1.52	0.80	20.3	407	605	74
W6-2 FLEX	6 AWG	133 7x19	0.06	1.52	0.92	23.3	552	822	99
W4-2 FLEX	4 AWG	259 7x37	0.06	1.52	1.03	26.2	752	1119	130
W2-2 FLEX	2 AWG	259 7x37	0.06	1.52	1.22	30.9	1088	1619	174

(1) Ampacities based on 90°C Conductor and 30°C Ambient temperature per table 400.5(A)(2) of the National Electrical Code®

Standard print legend:

TF CABLE (SIZE) TYPE W PORTABLE POWER CABLE 2000V 90 C SUN RES OIL RES 90C WET OR DRY (UL) E207132 C(UL) FT1 FT5 (-40C) P-7K-268077-MSHA

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