

# UF-B

## Cirtuf® Underground Feeder Cable



90°C insulation

600 volts

Sunlight-resistant jacket

### APPLICATIONS

For use underground as a feeder or branch circuit cable where provided with overcurrent protection of the rated ampacity as specified by the NEC®. Direct burial in the earth is permitted. May be installed as interior wiring in wet, dry, or corrosive locations as specified by the NEC®. May be installed as nonmetallic-sheathed cable as specified in NEC® Section 340.10(4). May be installed in locations with temperatures up to 90°C but with the ampacity limited to that of 60°C conductors.

### CONDUCTORS

Solid conductors: Soft, uncoated copper per ASTM-B3  
Stranded conductors: Uncoated copper per ASTM-B3 and ASTM-B8

### CONDUCTOR INSULATION AND JACKET

Color-coded PVC (polyvinyl chloride), rated 90°C dry  
Insulated conductors also jacketed with clear nylon (polyamide)

### GROUNDING CONDUCTOR

Soft, uncoated copper per ASTM-B3

### ASSEMBLY

Insulated conductors are laid parallel with a bare grounding conductor

### JACKET

A gray, sunlight-resistant PVC (polyvinyl chloride) is applied directly over and around the insulated and bare conductors

### INDUSTRY STANDARDS\*

UL 83 (insulated conductors) File No. E15119  
UL 493 Thermoplastic-Insulated Underground Feeder and Branch Circuit Cables -File No. E26403  
ASTM-B3  
ASTM-B8  
Federal Specification A-A-59544  
NFPA70: National Electrical Code®  
RoHS Compliant

### SURFACE PRINT

Sample: UF-B SUN-RES 12-2 W/G CIRTUF-A (UL) 600V



MADE IN THE USA

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\*It is the sole responsibility of the end user to determine suitability of this product for its intended end use and application.

**cerrowire**

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A Marmon Group/  
Berkshire Hathaway Company

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## Cirtuf® Underground Feeder Cable

Product Code Number W/Ground	Conductors		Thickness Mils.		With Ground			
	AWG No. Conds.	No. of Strands	PVC/Nylon	Jacket	Ground Wire		Cable Dim. Mils.	Approx. Net Wt. Lbs./M Ft.
					Size	Strand		
138-1402x	14-2	Solid	19	30	14	1	190 x 400	67
138-1403x	14-3	Solid	19	30	14	1	215 x 615	104
138-1602x	12-2	Solid	19	30	12	1	190 x 450	96
138-1802x	10-2	Solid	24	30	10	1	240 x 520	139
138-1803x	10-3	Solid	24	30	10	1	250 x 750	212
138-4002x	8-2	7	35	45	10	1	320 x 690	223
138-4003x	8-3	7	35	45	10	1	350 x 975	340
138-4203x	6-3	7	35	45	10	1	400 x 1,090	485

- xx Packaging add code (9<sup>th</sup> and 10<sup>th</sup> Digits). See chart below.

**UF-B**

Cirtuf® Underground Feeder Cable

Package Code	D	G	J	K
W/Ground AWG Size	125' Coil Wrapped	250' Coil Wrapped	500' Reel	1,000' Reel
14-2 (138-1402)				X
14-2 (138-1462)		X		
12-2 (138-1602)			X	X
12-2 (138-1662)		X		
10-2 (138-1802)			X	X
10-2 (138-1862)		X		
8-2 Stranded	X		X	X
6-2 Stranded	X		X	X
14-3 (138-1403)			X	X
14-3 (138-1463)		X		
12-3 (138-1603)			X	X
12-3 (138-1663)		X		
10-3 (138-1803)			X	X
10-3 (138-1863)		X		
8-3 Stranded	X		X	X
6-3 Stranded	X		X	X