

- With 90°C Insulation
- 600 Volts

UF-B

Cirtuf® Underground Feeder Cable

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 (or without) a bare grounding conductor

JACKET

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

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		
138-1402	14-2	SOL	19	30	14	1	190 x 400	67
138-1602	12-2	SOL	19	30	12	1	190 x 450	96
138-1802	10-2	SOL	24	30	10	1	240 x 520	139
138-4002	8-2	7	35	45	10	1	220 x 690	223
138-4202	6-2	7	35	45	10	1	390 x 695	304
138-1403	14-3	SOL	19	30	14	1	215 x 615	104
138-1603	12-3	SOL	19	30	12	1	260 x 700	150
138-1803	10-3	SOL	24	30	10	1	250 x 750	212
138-4003	8-3	7	35	45	10	1	350 x 975	340
138-4203	6-3	7	35	45	10	1	400 x 1090	485

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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®

SURFACE PRINT

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

Package Code	D	G	J	K
w/Ground AWG Size	125' coil wrapped	250' coil wrapped	500' reel	1000' reel
14-2 Sol (138-1402)		X		X
12-2 Sol (138-1602)		X		X
10-2 Sol (138-1802)		X		X
8-2 Str			X	X
6-2 Str			X	X
14-3 Sol (138-1463)		X		
14-3 Sol (138-1403)				X
12-3 Sol (138-1663)		X		
12-3 Sol (138-1603)				X
10-3 Sol (138-1863)		X		X
8-3 Str	X		X	X
6-3 Str	X		X	X