



- 1 Slick PVC Jacket
- 2 Nylon Jacket
- 3 PVC Insulation
- 4 Annealed Solid or Stranded Copper Conductor



CONSTRUCTION

- » Available in 2 or 3 conductors. Conductor construction is soft-drawn bare copper meeting the requirements of ASTM Specification B-3. Gauge sizes 14 through 10 are solid copper conductors. Sizes 8 through 6 are stranded conductors per ASTM B8. All ground wires are solid.
- » The insulation is a color-coded THHN/THWN type for wet, dry, or corrosive applications of up to 600 volts and conductor temperatures up to 90° C. The outer jacket is a sunlight-resistant, high-quality polyvinylchloride (PVC).
- » The UF-B 2 and 3 Conductor w/ground jacketed cable is constructed in accordance with Underwriters Laboratories, Inc.

APPLICATIONS

- » Alan Wire's UF - B jacketed cable is manufactured for the purpose of direct-burial power wire applications in accordance with the National Electrical Code.

SPECIFICATIONS

- » Soft-drawn bare copper (ASTM Spec. B-3) » UL-83, UL-493, UL-1581, UL-2556
- » Solid (14 awg through 10 awg) » UL #E108993
- » Stranded (8 awg and 6 awg)
- » Solid ground

				Insulation Thickness (in)		Jacket Thickness (in)				
Conductor Size / Config	Stranding	Ground Size	Jacket Color	PVC	Nylon	PVC	Ampacity @ 90C	Outside Diameter (in)	Approx. Net Weight/MFT (lbs)	Standard Packaging (ft)
14/2+G	Solid	14	gray	0.015	0.004	0.030	15	0.182 x 0.392	73	250, 500, 1000
12/2+G	Solid	12	gray	0.015	0.004	0.030	20	0.204 x 0.477	99	250, 500, 1000
10/2+G	Solid	10	gray	0.020	0.004	0.030	30	0.241 x 0.570	150	250, 500, 1000
8/2+G	7	10	gray	0.030	0.005	0.045	40	0.329 x 0.662	218	500, 1000
6/2+G	7	10	gray	0.030	0.005	0.045	55	0.353 x 0.761	326	500, 1000
14/3+G	Solid	14	gray	0.015	0.004	0.030	15	0.201 x 0.658	115	250, 500, 1000
12/3+G	Solid	12	gray	0.015	0.004	0.030	20	0.207 x 0.704	150	250, 500, 1000
10/3+G	Solid	10	gray	0.020	0.004	0.030	30	0.256 x 0.853	227	250, 500, 1000
8/3+G	7	10	gray	0.030	0.005	0.045	40	0.322 x 1.151	317	500, 1000
6/3+G	7	10	gray	0.030	0.005	0.045	55	0.370 x 1.208	433	500, 1000