



**Type UF-B**  
**Underground Feeder Cable**  
**600 volts**

## Applications

Type UF-B cable is generally used as feeder to outside post lamps, pumps and other loads or apparatus fed from a distribution point in an existing building as specified in the National Electrical Code®. UF-B cable may be underground, including direct burial. Multiple conductor UF-B cable may be used for interior branch circuit wiring in residential or agricultural buildings at conductor temperatures not to exceed 90°C (with ampacity limited to that for 60°C conductors) as specified in the National Electrical Code®. UF-B can be used in applications permitted in Section 339 of the National Electrical Code®. Voltage rating for UF-B cable is 600 volts.

## Specifications

Type UF-B cable meets or exceeds UL Standard 83, UL Standard 493, Federal Specification A-A-59544 and requirements of the National Electrical Code® (NFPA 70).

## Construction

Type UF-B cable is manufactured as 2 or 3 conductor cable, with a ground wire. Copper conductors are annealed (soft) copper, solid or compressed stranded. Phase conductors are lead-free polyvinyl chloride (PVC) insulated, nylon jacketed, color-coded for identification purposes, and jacketed with sunlight, moisture and fungus resistant lead-free gray PVC.

Insulated Conductor				Cable Dimensions (mils)	Allowable Ampacity †	Ground Wire		Approx. Net Weight Per 1,000' † (lb.)	Standard Package
Size (AWG)	No. Conductors in Cable	No. Strands in Conductor	Insulation and Jacket Thickness (mils)			Size (AWG)	No. Strands		
<b>COPPER</b>									
14	2	1	19	423 x 168	15	14	1	71	BE
12	2	1	19	463 x 183	20	12	1	97	BE
10	2	1	24	518 x 215	30	10	1	141	BE
8	2	7	35	700 x 319	40	10	1	234	AD
6	2	7	35	900 x 361	55	10	1	341	AD
14	3	1	19	581 x 168	15	14	1	97	BE
12	3	1	19	626 x 183	20	12	1	131	BE
10	3	1	24	727 x 215	30	10	1	194	BE
8	3	7	35	1059 x 319	40	10	1	344	AD
6	3	7	35	1223 x 361	55	10	1	479	AD

NOTE 1: Single conductor. Subject to special inquiry.  
 † Not more than 3 conductors in cable per table 310-6, National Electrical Code.  
 NOTE: Jacket thickness for all UF-B cable is 30 mils

STANDARD PACKAGING CODE:  
 A - 125' Coil      D - 500' Reel  
 B - 250' Coil      E - 1000' Reel  
 C - 500' Coil

## Recommended Sample Specifications

Cable shall be UL listed type UF-B, suitable for operation at 600 volts in all installations as specified by the National Electrical Code®. Conductors shall be annealed copper, insulated with high-heat, moisture resistant, and lead-free PVC, nylon jacketed, and jacketed with sunlight, moisture and fungus resistant, lead-free gray PVC.

