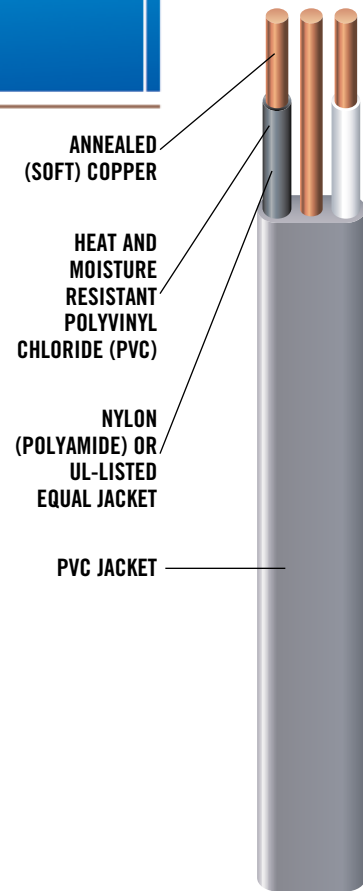
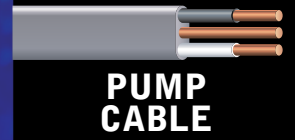


UF-B DIRECT BURIAL



Underground Feeder and Branch Circuit Cable

600 Volt

Copper Conductors

Sunlight, Moisture, and Fungus Resistant Overall PVC Jacket

APPLICATIONS Suitable for use as follows:

- Southwire 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 Code¹
- UF-B cable may be used 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 by the National Electrical Code
- UF-B can be used in applications permitted for NMC in Section 334.10(B) of the National Electrical Code. Voltage rating for UF-B cable is 600 volts

CONSTRUCTION

- Southwire Type UF-B cable is manufactured as a 2 or 3 conductor cable, with or without a ground wire
- Copper conductors are annealed (soft) copper, solid or compressed stranded
- Phase conductors are polyvinyl chloride (PVC) insulated, nylon jacketed, color coded for identification purposes
- Jacketed with sunlight, moisture and fungus resistant gray PVC

STANDARDS & REFERENCES

Southwire 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.

¹ 2005 Edition

WEIGHTS, MEASUREMENTS AND PACKAGING

MULTIPLE CONDUCTOR											
CONDUCTOR			JACKET THICKNESS (mils)	WITH GROUND				WITHOUT GROUND		ALLOWABLE AMPACITY	STND. PKG.
SIZE/CONST. (AWG)	NUMBER OF STRANDS	INSULATION & JACKET THICKNESS (mils)		GROUND WIRE		CABLE DIMENSIONS (mils)	APPROX. NET WEIGHT (lbs/1000 ft)	CABLE DIMENSIONS (mils)	APPROX. NET WEIGHT (lbs/1000 ft)		
			SIZE (AWG)	NUMBER OF STRANDS							
2 CONDUCTOR											
14	1	19	30	14	1	423 × 168	70	354 × 168	52	15	EQ
12	1	19	30	12	1	463 × 183	95	386 × 183	70	20	EQ
10	1	24	30	10	1	518 × 215	138	440 × 215	102	30	EQ
8	7	35	45	10	1	678 × 302	222	576 × 302	178	40	CK
6	7	35	45	10	1	770 × 338	303	688 × 338	256	55	CK
3 CONDUCTOR											
14	1	19	30	14	1	581 × 168	96	501 × 168	77	15	EQ
12	1	19	30	12	1	626 × 183	129	581 × 183	108	20	BQ
10	1	24	30	10	1	727 × 215	191	661 × 215	156	30	BQ
8	7	35	45	10	1	1059 × 319	344	984 × 319	304	40	CK
6	7	35	45	10	1	1223 × 361	478	1153 × 361	437	55	CK

NOTE 1: Single conductor. Subject to special inquiry. Not more than 3 conductors in cable per Table 310.16, National Electrical Code, 2005 Edition.

STANDARD PACKAGE CODES
 B – 1000 ft. reel
 C – 500 ft. reel
 E – 1000 ft. spool
 H – 250 ft. coil
 K – 125 ft. coil

UF-B DIRECT BURIAL