

COPPER UF-B

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MADE IN AMERICA™



Underground Feeder and Branch Circuit Cable. 600 Volt. Copper Conductors. Sunlight, Moisture, and Fungus Resistant Overall PVC Jacket.

APPLICATION

- Southwire copper 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.
- 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).
- UF-B can be used in applications permitted for NMC.
- Voltage rating for UF-B cable is 600 volts.

STANDARDS & REFERENCES

Southwire copper UF-B cable complies with the following:

- ASTM - B3 and B-8
- UL Standard 83
- UL Standard 493
- Federal Specification A-A-59544
- National Electrical Code, NFPA 70, 2023 Edition
- RoHS/ REACH

CONSTRUCTION

- Southwire copper 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.

STOCK #	CONDUCTOR SIZE (AWG OR KCMIL)	NO. OF CONDUCTORS	NO. OF STRANDS	GROUND WIRE SIZE (AWG)	NO. OF GROUNDS	NOM. WIDTH (MILS)	NOM. HEIGHT (MILS)	INSULATION THICKNESS (MILS)	JACKET THICKNESS (MILS)	NOMINAL TOTAL WEIGHT (LBS/1000')
13054201	14	2	1	14	1	423	168	15	30	71
13057501	14	3	1	14	1	581	168	15	30	97
13049201	12	2	1	12	1	386	183	15	30	71
13058301	12	3	1	12	1	626	183	15	30	131
13050001	10	2	1	10	1	440	215	20	30	102
13059101	10	3	1	10	1	727	215	20	30	191
20858701	8	2	7	10	1	678	302	30	45	222
14783501	8	3	7	10	1	1059	319	30	45	344
21469201	6	2	7	10	1	769	338	30	45	303
14782701	6	3	7	10	1	1223	361	30	45	479

PUMP & IRRIGATION WIRE