



# UL Type UF & UF/TWU Underground Feeder Wire

150V (For UF), 600V (For UF/TWU), Rated -20°C to 60°C

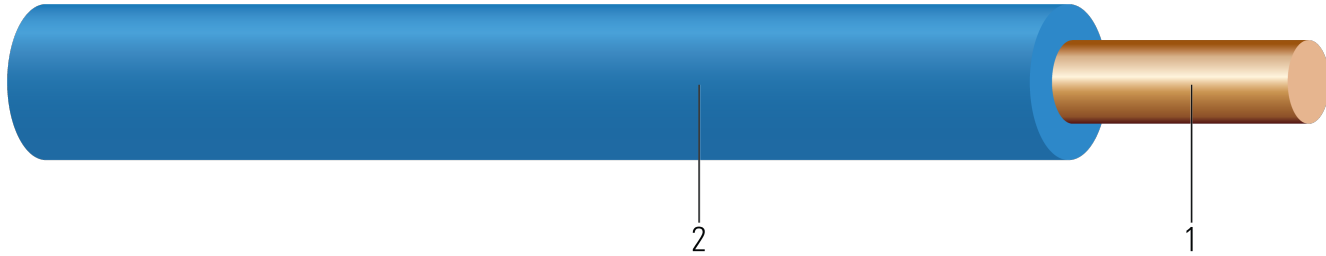


Image not to scale. See Table 1 for dimensions.

## CONSTRUCTION:

1. **Conductor:** Solid bare copper per ASTM B3
2. **Insulation:** Polyvinyl Chloride (PVC)

## APPLICATIONS AND FEATURES:

Southwire Type UF Single Conductor and Low-Energy Circuit cable are suitable for landscape irrigation.

- Rated for 150 volt for Type UF
- Rated for 600 volt for Type UF/TWU
- Rated for 60°C
- For direct burial

## SPECIFICATIONS:

- ASTM B3 Soft or Annealed Copper Wire
- UL 493 Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
- CSA C22.2 No. 75 Thermoplastic Insulated Wires and Cables

## SAMPLE PRINT LEGEND:

### Non-UL:

SOUTHWIRE® XX AWG UNDERGROUND FEEDER -- {MM/DD/YY} {HH:MM} {SEQUENTIAL FOOTAGE MARKS} SEQ FEET

### UL Listed:

{SQFTG} SOUTHWIRE® E30445 XX AWG (X.XXmm<sup>2</sup>) (UL) TYPE UF 600V -- c(UL) TWU 60C FT1 -- (MM/DD/YY) (HH:MM)

**Table 1 – Physical and Electrical Data**

| Stock Number | Cond. Size | Strand Count   | Cond. Number | Insul. Thickness | Approx. OD | Approx. Weight |
|--------------|------------|----------------|--------------|------------------|------------|----------------|
|              | AWG/kcmil  | No. of Strands | No.          | mil              | inch       | lb/1000ft      |
| 54500!       | 16         | 1              | 1            | 45               | 0.140      | 15             |

All dimensions are nominal and subject to normal manufacturing tolerances

◇ Cable marked with this symbol is a standard stock item

! UF (Non-UL)





Table 2 – Colors

| Conductor Size | Insulation Color |          |          |          |          |          |          |          |         |
|----------------|------------------|----------|----------|----------|----------|----------|----------|----------|---------|
| AWG            | Red              | Orange   | Yellow   | Blue     | Purple   | Green    | Black    | White    | Brown   |
| 18             | 5449904!         |          | 5449902! | 5449906! | 5449913! | 5449905! | 5449908! | 5449901! |         |
| 16             | 5450004!         | 5450003! |          | 5450006! | 5450013! | 5450005! | 5450008! | 5450001! |         |
| 14             | 5450104          | 5450103  | 5450102  | 5450106  | 5450113  | 5450105  | 5450108  | 5450101  |         |
| 12             | 5450204          | 5450203  | 5450202  | 5450206  | 5450213  | 5450205  | 5450208  | 5450201  | 5450207 |
| 10             |                  |          | 5450302  | 5450306  | 5450313  | 5450305  | 5450308  | 5450301  |         |

! UF (Non-UL)

