# UL Type UF & UF/TWU Underground Feeder Wire

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

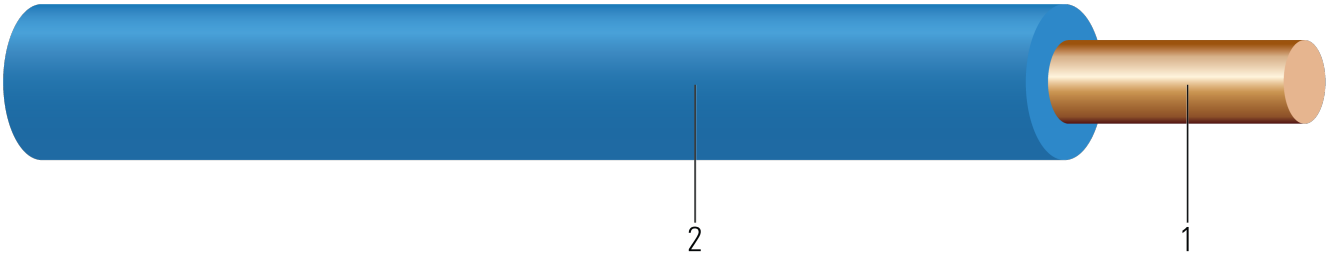


Image not to scale. See Table 1 for dimensions.

## 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 60ºC
- 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.XXmm2) (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 |
| 54501 | 14 | 1 | 1 | 60 | 0.187 | 27 |

All dimensions are nominal and subject to normal manufacturing tolerances
◊ Cable marked with this symbol is a standard stock item
! UF (Non-UL)



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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)


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