



UL Type UF & UF/TWU Underground Feeder Wire

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

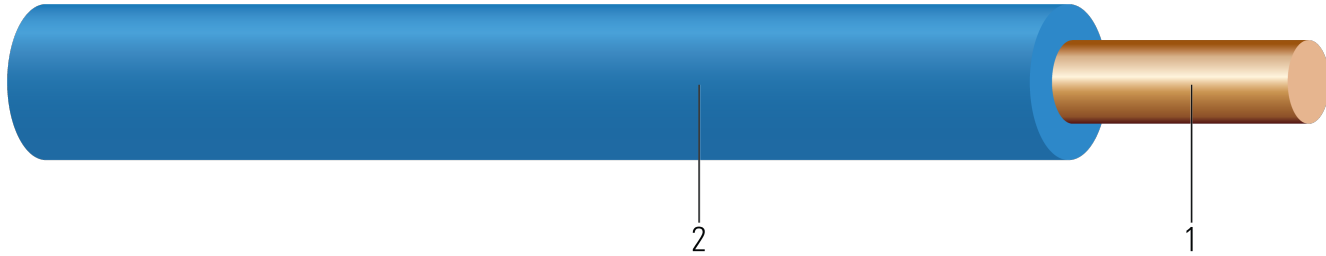


Image not to scale. See Table 1 for dimensions.

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.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 AWG/kcmil	Strand Count No. of Strands	Insul. Thickness mil	Approx. OD inch	Approx. Weight lb/1000ft
54499!	18	1	45	0.134	12
54500!	16	1	45	0.140	15
54501	14	1	60	0.187	27
54502	12	1	60	0.202	35
54503	10	1	60	0.224	49

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)

