

PV PHOTOVOLTAIC WIRE

600 VOLT

STRANDED
COPPER
CONDUCTORS



Bare or Tinned
Stranded Copper
Conductors

XLP Insulation

Direct Burial

-40°C to +90°C

600 Volt

APPLICATIONS

Suitable for use as follows:

- For use in solar power applications
- Rated 90°C for exposed or concealed wiring in wet or dry locations
- Rated for direct burial

SPECIFICATIONS

- Stranded copper conductors
- XLP insulation
- UL Subject 4703
- UL 44
- UL 854

CONSTRUCTION

- Southwire PV Photovoltaic Wire is manufactured using stranded copper conductors with single layer XLP insulation
- Bare or Tinned Conductors
- -40°C to +90°C
- Sunlight Resistant
- RoHS Compliant
- Direct Burial
- Sample Print Legend:
SOUTHWIRE E316464 (O) (UL) PV WIRE 10 AWG (5.26mm²) CU 600V 90° WET
OR DRY (-40°C) SUN RES DIRECT BURIAL VW-1 OR USE RHW-2 600V — RoHS

WEIGHTS, MEASUREMENTS AND PACKAGING

SIZE (AWG)	NUMBER OF STRANDS	INSULATION THICKNESS	NOMINAL O.D.	NET WEIGHT
14	19	0.060	0.190	26.8
12	19	0.060	0.207	36.1
10	19	0.060	0.231	50.6
8	19	0.075	0.292	80.3
14	7	0.060	0.190	26.8
12	7	0.060	0.207	36.1
10	7	0.060	0.231	50.6
8	7	0.075	0.292	80.3

Other sizes and strand configurations are available upon request. Also available in various colors.