

# PV PHOTOVOLTAIC WIRE

## 2000 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
- Meets the requirement of UL 854 for TYPE USE-2

### 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 (5.26mm<sup>2</sup>) CU 2000V 90C  
WET OR DRY (-40°C) WET OR DRY -40°C SUN RES DIRECT BURIAL VW-1 OR  
RHW-2 2000V — RoHS



PV PHOTOVOLTAIC WIRE 2000 VOLT

Bare or Tinned  
Stranded Copper  
Conductors

XLP Insulation

Direct Burial

-40°C to +90°C

2000 Volts

### WEIGHTS, MEASUREMENTS AND PACKAGING

AWG SIZE	NO. OF STRANDS	INSULATION THICKNESS	NOMINAL O.D.	NET WEIGHT
14	19	0.075	0.220	31.9
12	19	0.075	0.237	41.3
10	19	0.075	0.261	56.6
8	19	0.085	0.312	85.7
14	7	0.075	0.220	31.9
12	7	0.075	0.237	41.3
10	7	0.075	0.261	56.6
8	7	0.085	0.312	85.7

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



green Spec<sup>®</sup>  
RoHS Compliant



**Southwire**<sup>®</sup>  
OEM Division