PV PHOTOVOLTAIC WIRE
2000 VOLT XLP - COPPER

Bare or Tinned Stranded Copper Conductors

XLP Insulation

Direct Burial

-40°C to +90°C

2000 Volt

APPLICATIONS
Suitable for use as follows:

- For use in solar power applications per NEC® Article 690
- 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
- RHW-2
- Available in colors
- RoHS Compliant

CONSTRUCTION

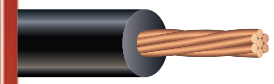
- Southwire PV Photovoltaic Wire is manufactured using stranded copper conductors with single layer XLP insulation
- Bare or Tinned Conductors
- -40°C to +90°C
- Sunlight Resistant
- RoHS Compliant
- Direct Burial
- Sample Print Legend:
  SOUTHWIRE E316464 (UL) PV WIRE 10 AWG (5.26mm2) CU 2000V 90C
  WET OR DRY (-40C) SUN RES DIRECT BURIAL VW-1 OR RHW-2 2000V — RoHS
- VW-1 flame rating optional
- CT rating for 1/0 and larger optional

Southwire®

UL LISTED

MADE IN USA

greenSpec®
RoHS Compliant
2002/95/EC



WEIGHTS, MEASUREMENTS, AND PACKAGING

STOCK NUMBER	SIZE (AWG)	NUMBER OF STRANDS	INSULATION THICKNESS (inch)	NOMINAL O.D. (inch)	NET WEIGHT (lbs)
-	14	7	0.075	0.222	32
-	12	7	0.075	0.237	41
-	10	7	0.075	0.261	57
-	8	7	0.075	0.312	86
56810801	14	19	0.075	0.222	32
56810901	12	19	0.075	0.237	41
56811001	10	19	0.075	0.261	57
57996201*	10	19	0.075	0.261	57
56903702	8	19	0.085	0.312	86
56903702*	8	19	0.085	0.312	86
56903902	6	19	0.085	0.349	121
56904002	4	19	0.085	0.396	176
56904102	2	19	0.085	0.456	261
56904202	1	19	0.105	0.531	338
56904302	1/0	19	0.105	0.570	413
56904402	2/0	19	0.105	0.614	506
56904502	3/0	19	0.105	0.664	623
56904702	4/0	19	0.105	0.720	769
-	250 MCM	37	0.120	0.801	880
-	300 MCM	37	0.120	0.854	1042
-	350 MCM	37	0.120	0.904	1205
-	400 MCM	37	0.120	0.949	1375
-	500 MCM	37	0.120	1.033	1700
-	600 MCM	61	0.135	1.139	2032
-	750 MCM	61	0.135	1.241	2515
-	1000 MCM	61	0.135	1.390	3335

Allowable ampacities shown are for general use as specified by the NEC® 2008 Edition, section 310.15.
60ºC—When terminated to equipment for circuits rated 100 amperes or less or marked for 14 AWG through 1 AWG conductors.
75ºC—When terminated to equipment for circuits rated over 100 amperes or marked for conductors larger than 1 AWG.
90ºC—Wet or dry locations. For ampacity derating purposes.

* Non-VW-1