

Solar Wire™

Be Compliant and Safe—
Specify Solar Wire™ for your Solar Projects



- *UL Listed- Meets National Electrical Code (NEC) for Roofs, Direct Burial, and Control Panel.*
- *Heat Resistant- Will not melt when exposed to high temperatures.*
- *Sunlight Resistant- No damage from constant direct exposure to ultraviolet rays (UV).*
- *Ozone Resistant- Will not break down after years of outdoor exposure.*
- *Flame Resistant- Meets UL safety requirements for flame resistant wire.*
- *Custom wire & cable designs available.*

Philatron Wire & Cable
Santa Fe Springs, CA
www.philatron.com
1-800-967-9147

Made in the



Solar Wire™



- Philatron Solar Wires are UL Listed and NEC Compliant.
- High Quality Crosslinked Polyethylene (XLPE) Insulation.
- Carry A Unique **Multi- UL Rating: Types: XHHW2, SIS, & RHW2**
- Available in Solid, Medium & Extra Flexible Copper Stranding.
- Abrasion, Oil, Flame, Heat, Ozone, Water, & Sun Resistant.
- 600 Volts - 90°C Dry - 75°C Wet - Indoors or Outdoors.
- Complies with applicable National Electrical Code (NEC):

As type XHHW2 for Raceways, Underground Ducts, & Aerial Installations.

As type SIS for Switchboards, Panel Boards, Instrument & Control Wiring.

As type RHW2 for Direct Burial and Entrance Installations.



Part No.	Size	Strands	Ins. Wall Mils	OD Inch	** Amps	Lbs Mft	UL Listed XHHW2	UL Listed SIS	UL Listed RHW2
S1401-#	14	Solid	.030	.130	15	17	Yes	Yes	No
S1407-#	14	7x.0242	.030	.140	15	18	Yes	Yes	No
S1441-#	14	41x30ga	.030	.144	15	20	Yes	Yes	No
S1201-#	12	Solid	.030	.150	20	25	Yes	Yes	No
S1207-#	12	7x.0305	.030	.150	20	26	Yes	Yes	No
S1265-#	12	65x30ga	.030	.167	20	31	Yes	Yes	No
S1001-#	10	Solid	.030	.170	30	38	Yes	Yes	No
S1007-#	10	7x.0385	.030	.180	30	40	Yes	Yes	No
S101040-#	10	104x30ga	.030	.184	30	42	Yes	Yes	No
SR1019-#	10	19x.0234	.045	.203	30	43	Yes	Yes	Yes
S0807-#	8	7x.0486	.045	.240	55	75	Yes	Yes	No
S08168-#	8	168 7x24/30ga	.045	.268	55	76	Yes	Yes	No
SR0819-#	8	19x.0295	.060	.262	55	76	Yes	Yes	Yes
S0607-#	6	7x.0612	.045	.280	75	100	Yes	Yes	No
S06269-#	6	259 7x37/30ga	.045	.300	75	103	Yes	Yes	No
SR0619-#	6	19x.0372	.060	.300	75	104	Yes	Yes	Yes
S0407-#	4	7x.0772	.045	.320	95	150	Yes	Yes	No
S04413-#	4	413 7x59/30ga	.045	.356	95	152	Yes	Yes	No
SR0419-#	4	19x.0469	.060	.346	95	152	Yes	Yes	Yes
SR02133-#	2	133 19x7/0223	.060	.455	130	237	Yes	Yes	Yes
SR01133-#	1	133 19x7/0251	.080	.537	150	308	Yes	Yes	Yes
SR0133-#	1/0	133 19x7/0282	.080	.583	170	381	Yes	Yes	Yes
SR00259-#	2/0	259 7x37/0227	.080	.637	195	472	Yes	Yes	Yes
SR000133-#	3/0	133 19x7/0355	.080	.694	225	586	Yes	Yes	Yes
SR0000133-#	4/0	133 19x7/0399	.080	.759	260	730	Yes	Yes	Yes

To specify color add # to end of part number: Black-1, White-2, Red-3, Green-4, Orange-5, Blue-6, Yellow-7.

Example: To order 14 Solid Blue, the part number would be S1401-6

**Amps are based on the NEC Table 310.16 for 90°C (194°F) rated conductors at ambient temperature of 30°C(86°F).