

Electrical/Wire & Cable



SunWize USE-2 Wire

SunWize

Service Entrance, USE-2, or RHH/RHW-2

General purpose wiring, suitable for power and control circuits in residential and commercial buildings, industrial plants, meters and utility substations. Suitable for outdoor, raceway or direct burial use. Single conductor 7-strand copper with XLP insulation. Rated 600 volts, 90°C wet/dry. Minimum order 100 ft.

| AWG / Color | O.D. in. | Weight lb./1000ft | Ampacity (75°C) | MSRP |
|--------------|----------|-------------------|-----------------|----------------|
| #12USE Red | 0.19 | 31 | 30 | \$0.50 per ft. |
| #12USE Black | 0.19 | 31 | 30 | \$0.50 per ft. |
| #10USE Red | 0.21 | 45 | 40 | \$0.90 per ft. |
| #10USE Black | 0.21 | 45 | 40 | \$0.90 per ft. |
| #10USE White | 0.21 | 45 | 40 | \$0.90 per ft. |
| #10USE Green | 0.21 | 45 | 40 | \$0.90 per ft. |
| #8USE Red | 0.27 | 72 | 55 | \$1.20 per ft. |
| #8USE Black | 0.27 | 72 | 55 | \$1.20 per ft. |
| #6USE Red | 0.31 | 107 | 75 | \$1.90 per ft. |
| #6USE Black | 0.31 | 107 | 75 | \$1.90 per ft. |



SunWize Tray Cable

Tray Cable

Designed for power & control, traffic control, switching, lighting and signal transmission. May be used in Class 1, Div. 2 locations. Stranded copper conductors are THHN insulated with overall black PVC jacket. UL listed, sunlight resistant, direct burial or cable trays, 90°C, 600 volts. Two conductor cables are red/black, oval construction, #8 & #6 AWG cables are round. Minimum order 100 ft.

| AWG / Conductor | O.D. in. | Weight lb./1000ft | Ampacity | MSRP |
|-----------------|-------------|-------------------|----------|----------------|
| #18/2 TC | 0.18 x 0.28 | 41 | 14 | \$0.32 per ft. |
| #16/2 TC | 0.20 x 0.33 | 49 | 18 | \$0.34 per ft. |
| #14/2 TC | 0.21 x 0.32 | 64 | 25 | \$0.48 per ft. |
| #12/2 TC | 0.23 x 0.36 | 83 | 30 | \$0.53 per ft. |
| #10/2 TC | 0.26 x 0.43 | 120 | 40 | \$0.93 per ft. |
| #8/2 TC | 0.56 | 220 | 55 | \$2.15 per ft. |
| #6/2 TC | 0.63 | 310 | 75 | \$2.80 per ft. |



SunWize Pump Cable

Pump Cable-Submersible

For use with submersible pumps in power and control circuits, stranded copper conductors with EPR insulation, color-coded red/black/yellow and overall PVC jacket. Flat construction, rated 90°C, 600 volts. (W/G = with ground).

| AWG | Dimensions in. | Weight lb./1000ft. | MSRP per ft. |
|-----------------|----------------|--------------------|--------------|
| #10/2 SUB | 0.56 x 0.31 | 180 | \$1.50 |
| #10/2 SUB W/Gnd | 0.63 x 0.31 | 232 | \$1.70 |
| #8/2 SUB W/Gnd | 0.88 x 0.38 | 346 | \$2.29 |



SunWize Splice Kit

Splice Kits – Pump Cable

Waterproof heat shrink kit includes copper, crimp type, brazed-seam butt connectors, 3/8" conductor, insulation shrink tubing and overall 1" cable jacket heat-shrinkable tubing. Both tubings have inner melt wall adhesive.

| Model | # Conductors x AWG | MSRP |
|---------|--------------------|---------|
| SPLK-14 | 2 X #14 | \$14.00 |
| SPLK-10 | 3 x #10 | \$18.00 |
| SPLK-8 | 4 x #8 | \$24.00 |
| SPLK-6 | 4 x #6 | \$28.00 |



SunWize Battery Cable

Battery Cable – UL

Recommended for hard service use. Suitable for connecting to battery or inverter systems. CSA type AWM/TEW, 105°C, UL listed type MTW 90°C, 600 volts, single conductor stranded copper with black PVC insulation. Minimum order 100 ft.

| AWG | O.D. in. | Weight lb./1000ft | Stranding | MSRP per ft. |
|-----|----------|-------------------|--------------|--------------|
| 2/0 | 0.58 | 496 | 1320 x 0.010 | \$9.25 |
| 4/0 | 0.69 | 760 | 2090 x 0.010 | \$14.30 |



SunWize Ground Wire

Ground Wire

Bare-twisted, 7-strand medium hard drawn copper wire used for grounding connections. Minimum order 100 ft.

| AWG | O.D. | Weight (lbs/1000ft) | MSRP |
|---------|-------|---------------------|----------------|
| #8 Bare | 0.15" | 51 | \$0.66 per ft. |
| #6 Bare | 0.19" | 81 | \$1.05 per ft. |

Grounding Rod Kit

The grounding kit includes 5/8" x 8' copper clad steel ground rod, acorn fitting, coupling and #2 copper lug.

| Item | MSRP |
|---------------|---------|
| Grounding Kit | \$49.00 |



Cord Connectors

Fittings

Cord Connectors

Weather-resistant, liquid-tight cable strain relief fittings are black nylon with flexible rubber bushing that allows for flat or round cables. Used for cable entry connection to junction boxes or enclosures. Without locknuts.

| Size | Cable Diameter in. | MSRP |
|--------|--------------------|---------|
| 1/2NPT | 0.23 - 0.55 | \$1.75 |
| 1/2NPT | 0.50 - 0.75 | \$14.80 |
| 3/4NPT | 0.19 - 0.40 | \$16.00 |
| 3/4NPT | 0.45 - 0.70 | \$8.75 |