



Southwire™

PUMP & IRRIGATION CATALOG



OUR STORY

As a family business, Southwire proudly continues building on our commitment to environmental stewardship and corporate sustainability by prioritizing stakeholder expectations, and supporting the wellbeing of our communities and the environment in which we live. To help us meet this commitment, we organize our sustainability strategy around five core tenets: Growing Green, Living Well, Giving Back, Doing Right, and Building Worth.

We Deliver Power...Responsibly®

We remain committed to the sustainability of our company for the next 100 years and beyond. As we strengthen this commitment, we continue to work hard every day to discover, develop and distribute sustainable solutions that exceed the expectations of our stakeholders around the world.

OUR MISSION

To be a **preferred provider** of solutions to the electrical industry by providing innovative products and services with exceptional quality.

OUR VALUES

Our **ONE Southwire** culture prioritizes the interests of our team members, customers, and communities through a continuous commitment to empowerment, trust, consistency, and inclusion.

OUR REACH

Nearly one in two new homes built in the United States contains our wire, and we produce half of the cable used to transmit and distribute electricity throughout the nation.

OUR PRODUCTS

Our product teams and dedicated resources work together to listen to and work with our customers, creating solutions that deliver unparalleled value through product innovation, safety and efficiency.

OUR SERVICE

Service is more than a word or a phone number; it's a tangible support system that assists you through the entire project cycle; from our knowledgeable customer service team, to our experienced field sales team, we're there every step of the way.



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PUMP & IRRIGATION WIRE



FLAT JACKETED HEAVY DUTY TYPE THW

FLAT JACKETED HEAVY DUTY TYPE THW



APPLICATION

- For use in residential, farm, and industrial water well applications
- Grounded and ungrounded water well cable systems

CONSTRUCTION

- Premium 600 volt cable featuring stranded copper conductors with a moisture resistant PVC insulation
- Conductors are individually colored black, red, and yellow with green ground
- Insulated conductors are assembled parallel in a flat configuration and covered with a tough, black thermoplastic jacket

STANDARDS & REFERENCES

- Industry standard for electrical submersible pumping (ESP) water systems
- Meets NEC® code for submersible pump grounding requirements
- UL Standard 83
- UL Type THW Conductors

FEATURES

- Sequential footage marking on flat jacketed and parallel cables



PUMP & IRRIGATION WIRE

STOCK #	DESCRIPTION	SIZE AWG & # OF CONDUCTORS	STRANDS	JACKET NOM THICKNESS (IN)	CABLE NOM DIMENSIONS (IN)	APPROX. WEIGHT (LB/MFT)	PACKAGE CODES
With Ground							
563675	FLATJ 14/2 STR CU THW BK WG	14/2 W/14 GR	7 STR	0.045	0.260 × 0.595	116	AB
563677	FLATJ 14/3 STR CU THW BK WG	14/3 W/14 GR	7 STR	0.045	0.255 × 0.765	151	AB
563678	FLATJ 12/2 STR CU THW BK WG	12/2 W/12 GR	19 STR	0.045	0.280 × 0.660	150	ABC
563679	FLATJ 12/3 STR CU THW BK WG	12/3 W/12 GR	19 STR	0.045	0.280 × 0.814	193	AB
563680	FLATJ 10/2 STR CU THW BK WG	10/2 W/10 GR	19 STR	0.045	0.310 × 0.730	202	AB
563681	FLATJ 10/3 STR CU THW BK WG	10/3 W/10 GR	19 STR	0.045	0.310 × 0.940	267	AB
563682	FLATJ 8/2 STR CU THW BK WG	8/2 W/10 GR	19 STR	0.06	0.370 × 0.850	280	AB
563683	FLATJ 8/3 STR CU THW BK WG	8/3 W/10 GR	19 STR	0.06	0.370 × 1.120	382	AB
563685	FLATJ 6/3 STR CU THW BK WG	6/3 W/8 GR	19 STR	0.06	0.404 × 1.282	530	AB
563686	FLATJ 4/3 STR CU THW BK WG	4/3 W/8 GR	19 STR	0.06	0.460 × 1.447	731	AB
563687	FLATJ 2/3 STR CU THW BK WG	2/3 W/6 GR	19 STR	0.06	0.512 × 1.656	1046	AB
563688	FLATJ 1/0 3 STR CU THW BK WG	1/0-3 W/6 GR	19 STR	0.08	0.610 × 2.170	1740	AB
563689	FLATJ 2/0 3 STR CU THW BK WG	2/0-3 W/6 GR	19 STR	0.08	0.680 × 2.425	2004	AB
583373	FLATJ 4/0 3 STR CU THW BK WG	4/0-3 W/6 GR	19 STR	0.06	0.800 × 2.814	2980	D
583378	FLATJ 350 3 STR CU THW BK WG	350 -3 W/6 GR	37 STR	0.08	0.955 × 3.508	4583	D
Without Ground							
563690	FLATJ 10/2 STR CU THW BK WOG	10/2	19 STR	0.047	0.310 × 0.515	136	AB
568566	FLATJ 12/3 STR CU THW BK WOG	12/3	19 STR	0.047	0.280 × 0.660	150	A
563691	FLATJ 10/3 STR CU THW BK WOG	10/3	19 STR	0.047	0.310 × 0.730	202	AB
563693	FLATJ 8/3 STR CU THW BK WOG	8/3	19 STR	0.047	0.370 × 0.910	310	AB
563694	FLATJ 6/3 STR CU THW BK WOG	6/3	19 STR	0.047	0.404 × 1.012	424	A
563695	FLATJ 4/3 STR CU THW BK WOG	4/3	19 STR	0.047	0.459 × 1.177	615	A

Package Codes:

- A - 1000' Reel
- B - 500' Reel
- C - 5,000' Reel
- D - MTOD - 5000' Reel

WE DELIVER POWER...RESPONSIBLY® | 5

FLAT PARALLEL TYPE THW

FLAT PARALLEL TYPE THW



APPLICATION

- For use in residential, farm, and industrial water well applications
- Grounded and ungrounded water well cable systems

CONSTRUCTION

- Premium 600 volt cable featuring stranded copper conductors with a moisture resistant plastic insulation
- Conductors are assembled parallel and yellow with black, red, and green extruded color stripes
- Conductor polarity is accomplished by extruded color green, red and black

STANDARDS & REFERENCES

- Industry standard for electrical submersible pumping (ESP) water systems
- Meets NEC® code for submersible pump grounding requirements
- UL Standard 83
- UL Type THN Conductors

FEATURES

- Footage marking on flat jacketed and parallel cables



**WE'VE GOT IT
MADE IN AMERICA™**

STOCK #	DESCRIPTION	SIZE AWG & # OF CONDUCTORS	STRANDS	INSULATION NOM THICKNESS (IN)	CABLE NOM DIMENSIONS (IN)	APPROX. WEIGHT (LB/MFT)	PACKAGE CODES
With Ground							
563658	FLATP 14/2 STR CU WG	14/2	7 STR W/GRD	0.045	0.166 x 0.558	68	AB
563660	FLATP 12/2 STR CU WG	12/2	19 STR W/GRD	0.045	0.185 x 0.615	95	AB
563662	FLATP 10/2 STR CU WG	10/2	19 STR W/GRD	0.045	0.210 x 0.690	136	AB
563664	FLATP 8/2 STR CU WG	8/2	19 STR W/GRD	0.06	0.027 x 0.809	206	AB
563659	FLATP 14/3 STR CU WG	14/3	7 STR W/GRD	0.045	0.166 x 0.745	91	AB
563661	FLATP 12/3 STR CU WG	12/3	19 STR W/GRD	0.045	0.185 x 0.830	126	AB
563663	FLATP 10/3 STR CU WG	10/3	19 STR W/GRD	0.045	0.210 x 0.930	182	AB
563665	FLATP 8/3 STR CU WG	8/3	19 STR W/GRD	0.045	0.270 x 1.109	277	AB
563666	FLATP 6/3 STR CU WG	6/3	19 STR W/GRD	0.06	0.304 x 1.172	402	AB
563667	FLATP 4/3 STR CU WG	4/3	19 STR W/GRD	0.06	0.365 x 1.490	568	AB
With Ground							
563669	FLATP 14/2 STR CU WOG	14/2	7 STR x 0.0242	0.045	0.166 x .062	46	AB
563671	FLATP 12/2 STR CU WOG	12/2	19 STR x 0.0185	0.045	0.185 x 0.402	63	AB
563672	FLATP 12/3 STR CU WOG	12/3	19 STR x 0.0185	0.045	0.185 x 0.118	95	AB
563673	FLATP 10/2 STR CU WOG	10/2	19 STR x 0.0234	0.045	0.209 x 0.448	91	AB
563674	FLATP 10/3 STR CU WOG	10/3	19 STR x 0.0234	0.045	0.210 x 0.690	136	AB

Package Codes:
A - 1000' Reel
B - 500' Reel

PUMP & IRRIGATION WIRE

TWISTED TYPE THW

TWISTED TYPE THW



APPLICATION

- For use in residential, farm, and industrial water well applications
- Grounded and ungrounded water well cable systems

CONSTRUCTION

- Premium 600 volt cable featuring solid and stranded copper conductors with a moisture resistant plastic insulation
- Conductors are twisted and colored black, red, and yellow when supplied with three conductors and green ground
- Cable is supplied without a jacket over the insulated conductors

STANDARDS & REFERENCES

- Industry standard for electrical submersible pumping (ESP) water systems
- Meets NEC® code for submersible pump grounding requirements
- UL Standard 83



Stock #	DESCRIPTION	SIZE AWG & # OF CONDUCTORS	STRANDS	INSULATION NOM THICKNESS (IN)	CABLE NOM DIMENSIONS (IN)	APPROX. WEIGHT (LB/MFT)	STANDARD PACKAGE
With Ground							
563703	TWIST 14/2 SOL CU THW 14CG	14/2 W/14 GR	Solid	0.045	0.334	65	AB
563704	TWIST 14/3 SOL CU THW 14CG	14/3 W/14 GR	Solid	0.045	0.373	87	AB
563705	TWIST 12/2 SOL CU THW 12CG	12/2 W/12 GR	Solid	0.045	0.345	91	AB
563706	TWIST 12/3 SOL CU THW 10CG	12/3 W/12 GR	Solid	0.045	0.414	122	AB
563707	TWIST 10/2 SOL CU THW 10CG	10/2 W/10 GR	Solid	0.045	0.414	132	AB
563708	TWIST 10/3 SOL CU THW 10CG	10/3 W/10 GR	Solid	0.045	0.462	176	AB
563709	TWIST 8/2 STR CU THW 10CG	8/2 W/10 GR	19 STR	0.06	0.574	195	AB
563710	TWIST 8/3 STR CU THW 10CG	8/3 W/10 GR	19 STR	0.06	0.610	270	AB
563711	TWIST 6/3 STR CU THW 8CG	6/3 W/8 GR	19 STR	0.06	0.646	402	AB
563712	TWIST 4/3 STR CU THW 8CG	4/3 W/8 GR	19 STR	0.06	3.141	565	AB
563713	TWIST 2/3 STR CU THW 6CG	2/3 W/6 GR	19 STR	0.06	3.662	853	AB
Without Ground							
584780	Twist 12/3 Sol CU WOG	12/3	Solid	0.047	0.377	92	AB
584782	Twist 10/3 Sol CU WOG	10/3	Solid	0.045	0.415	132	AB

Package Codes:
A - 1000' Reel
B - 500' Reel

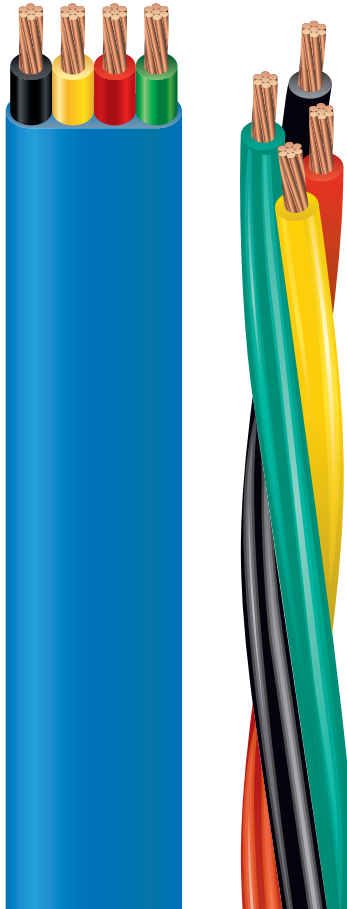
PUMP & IRRIGATION WIRE

HI-LO SUPREME FLAT JACKET UL LISTED WATER WELL CABLE

HI-LO SUPREME PARALLEL TYPE UL LISTED WATER WELL CABLE



WE'VE GOT IT
MADE IN AMERICA™



Rated -50°C to +105°C, 600V Extreme, Oil-Resistant, Moisture Resistant Conditions

APPLICATION

- For use in residential, farm, and industrial water well applications
- Used in both high temperature and low temperature wells
- Suitable for frigid North or Southern deserts - harsh environments

CONSTRUCTION

- Premium 600 volt cable featuring stranded copper conductors with a moisture resistant plastic insulation
- Insulated and jacketed with a premium thermoplastic elastomer (TPE) material
- Oil-resistant cable
- Temperature Rating: -50°C to +105°C; 75°C Wet; 60°C in Oil; 600 V
- Conductors are individually colored black, red, yellow and green
- Type Inner and Outer Jackets

COMPLIANCE

- Industry standard for electrical submersible pumping (ESP) water systems
- Meets NEC® code for submersible pump grounding requirements
- UL Standard 83

COMPLIANCE

- Grounded and ungrounded water well cable
- Footage marking on flat jacketed and parallel cables

HI-LO SUPREME PARALLEL TYPE UL LISTED WATER WELL CABLE

STOCK #	DESCRIPTION	SIZE AWG & # OF CONDUCTORS	STRANDS	JACKET NOM THICKNESS (IN)	CABLE NOM DIMENSIONS (IN)	APPROX. WEIGHT (LB/MFT)	PACKAGE CODES
With Ground							
597856	FLATJ 12/2 STR CU BE WG	12-2	65 STR	0.045	0.206 × 0.518	95	AB
597857	FLATJ 12/3 STR CU BE WG	12-3	65 STR	0.045	0.206 × 0.678	127	AB
597860	FLATJ 10/2 STR CU BE WG	10-2	105 STR	0.045	0.231 × 0.593	137	AB
597861	FLATJ 10/3 STR CU BE WG	10-3	105 STR	0.045	0.231 × 0.774	182	AB
597864	FLATJ 8/3 STR CU BE WG	8-3	168 STR	0.06	0.316 × 1.009	281	AB

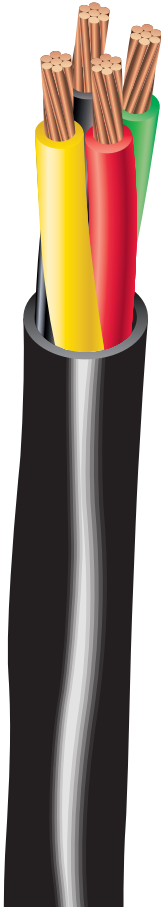
HI-LO SUPREME TWISTED TYPE THW

STOCK #	DESCRIPTION	SIZE AWG & # OF CONDUCTORS	STRANDS	NOM THICKNESS (IN)	CABLE NOM DIMENSIONS (IN)	APPROX. WEIGHT (LB/MFT)	PACKAGE CODES
With Ground							
563697	HLTwist 12/2 Str CU 12CG	12-2 W/GRD	19 STR	0.03	0.405	89	AB
563699	HLTwist 10/2 Str CU 10CG	10-2 W/GRD	19 STR	0.03	0.455	130	AB
563698	HLTwist 12/3 Str CU 12CG	12-3 W/GRD	19 STR	0.03	0.455	119	AB
563701	HLTwist 10/3 Str CU 10CG	10-3 W/GRD	19 STR	0.03	0.509	173	AB
563702	HLTwist 8/3 Str CU 10CG	8-3 W/GRD	19 STR	0.03	0.581	249	AB

PUMP & IRRIGATION WIRE

ROUND TWISTED JACKETED TYPE THW

ROUND TWISTED JACKETED TYPE THW



75°C, 600V, Water Well Cable, Moisture Resistant, Plastic Insulation, Round Configuration, Black PVC Jacket

APPLICATIONS

- For use in residential, farm, and industrial water well applications

CONSTRUCTION

- Premium 600 volt cable featuring stranded copper conductors with a moisture resistant plastic insulation
- Conductors are individually colored black, red, yellow with a green ground
- Insulated conductors are assembled in a round configuration and covered with a tough, black thermoplastic jacket

STANDARDS & REFERENCES

- Industrial standard for electrical submersible pumping (ESP) water systems
- Meets NEC® code for submersible pump grounding requirements
- UL 83

FEATURES

- Grounded and ungrounded water well cable
- Footage marking



STOCK #	DESCRIPTION	SIZE AWG & # OF CONDUCTORS	STRANDS	JACKET NOM THICKNESS (IN)	CABLE NOM DIMENSIONS (IN)	APPROX. WEIGHT (LB/MFT)
With Ground						
566483	RoundJ 12/3 Str CU THW WG	19 Str W/Grd	12 3/C W/ 12 GR	0.045	0.494	150
566484	RoundJ 10/3 Str CU THW WG	19 Str W/Grd	10 3/C W/ 10 GR	0.045	0.55	209
566485	RoundJ 8/3 Str CU THW WG	19 Str W/Grd	8 3/C W/ 8 GR	0.06	0.67	346
566486	RoundJ 6/3 Str CU THW WG	19 Str W/Grd	6 3/C W/ 6 GR	0.06	0.706	418
566487	RoundJ 4/3 Str CU THW WG	19 Str W/Grd	4 3/C W/ 4 GR	0.06	0.847	583
Without Ground						
584705	RoundJ 12/3 Str CU THW WOG	19 Str WOG	12 3/C	0.045	0.448	105
584707	RoundJ 10/3 Str CU THW WOG	19 Str WOG	10 3/C	0.045	0.499	148
584708	RoundJ 8/3 Str CU THW WOG	19 Str WOG	8 3/C	0.06	0.628	258
584709	RoundJ 6/3 Str CU THW WOG	19 Str WOG	6 3/C	0.06	0.706	549
584710	RoundJ 4/3 Str CU THW WOG	19 Str WOG	4 3/C	0.06	0.807	779

PUMP & IRRIGATION WIRE

SPRINKLER SYSTEM CABLE

SPRINKLER SYSTEM CABLE



Rated 75°C, 30V, Solid Bare Copper , PE Insulation, Twisted Without Fillers, Overall Polyethylene

APPLICATION

- Southwire Sprinkler System Wire is suitable for direct burial on applications up to 30 volts
- Use with field and central controls in underground sprinkler systems
- The cable is rated -20°C to 75°C.

CONSTRUCTION

- Solid bare copper conductors with polyethylene insulation
- Twisted with overall polyethelene jacket



CONDUCTOR COLOR TABLE			
1 Red		14 Red/White	
2 White		15 Green/White	
3 Green		16 Blue/White	
4 Blue		17 Yellow/White	
5 Yellow		18 Brown/White	
6 Brown		19 Orange/White	
8 Black		21 Pink/White	
9 Pink		22 Gray/White	
10 Gray		23 Tan/White	
11 Tan		24 Purple/White	
12 Purple		25 Natural/White	
13 Natural			

PUMP & IRRIGATION WIRE

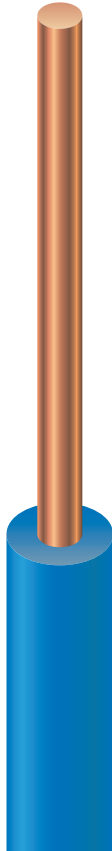
STOCK #	DESCRIPTION	SIZE AWG & # OF CONDUCTORS	STRANDS	JACKET NOM THICKNESS (IN)	NOM DIMENSIONS (IN)	APPROX. WEIGHT (LB/MFT)	PACKAGE CODES
54702	18/2 SOL CU BK	18/2	Solid	0.026	0.174	16	ABCD
54704	18/4 SOL CU BK	18/4	Solid	0.026	0.2	28	ACE
54705	18/5 SOL CU BK	18/5	Solid	0.026	0.217	34	ACE
54706	18/6 SOL CU BK	18/6	Solid	0.026	0.235	40.1	BCF
54707	18/7 SOL CU BK	18/7	Solid	0.026	0.245	45.6	BCF
54708	18/8 SOL CU BK	18/8	Solid	0.026	0.254	51.8	BCDF
54710	18/10 SOL CU BK	18/10	Solid	0.026	0.296	64.2	BCF
54713	18/13 SOL CU BK	18/13	Solid	0.026	0.322	81.8	BCDF
54716	18/16 SOL CU BK	18/16	Solid	0.026	0.339	98.7	BG
54719	18/19 SOL CU BK	18/19	Solid	0.026	0.357	116	BG
54725	18/25 SOL CU BK	18/25	Solid	0.026	0.43		BG

Package Codes:

A - 250' Spool in Carton C - 1000' Reel E - 500' Carton G - 250' Reel
 B - 500' Reel D - 2500' Reel F - 250' Carton

SPRINKLER / TRACER WIRE

SPRINKLER / TRACER WIRE



600V, PE 45 insulations, sprinkler or tracer wire 60C for direct burial

APPLICATION

- Southwire Golf Course Sprinkler / Tracer Wire is manufactured using solid soft drawn bare copper
- Single conductor cable suitable for direct burial on applications up to 600 volts for use as tracer wire for animal containment
- Polyethylene insulation

CONSTRUCTION

- Bare Copper Conductor
- -55°C to 60°C
- 18 AWG available colors: Yellow, Red, Green, Blue
- 12 and 14 AWG available colors: Yellow, White, Black, Green, Blue, Purple
- 16 AWG available colors: Yellow, White, Orange, Red, Black, Purple, Pink
- 10 AWG available colors: Green, Blue
- 8 AWG available colors: Yellow

COMPLIANCE

- ASTM B-8
- UL DIR BUR
- UL 66



STOCK #	DESCRIPTION	SIZE AWG	STRANDS	INSULATION NOM THICKNESS (IN)	NOM DIMENSIONS (IN)	APPROX. WEIGHT (LB/MFT)	PACKAGE CODES
54489	18 SOL CU	18	Solid	0.047	0.134	10.1	AB
54490	16 SOL CU	16	Solid	0.047	0.144	13.6	BC
54491	14 SOL CU	14	Solid	0.047	0.157	19.6	BC
54492	12 SOL CU	12	Solid	0.047	0.174	27.4	AB
54493	10 SOL CU	10	Solid	0.047	0.193	40	BC
54494	8 SOL CU	8	Solid	0.047	0.222	60	D

*Some colors and/or packages may be subject to MOQ.

Package Codes:

- A - 2500' Reel
- B - 500' Spool in Carton
- C - 1000' Carton
- D - 500' Reel

PUMP & IRRIGATION WIRE

UL TYPE UF & UF/TWU UNDERGROUND FEEDER WIRE

UNDERGROUND WIRE TYPE UF & UF/TWU



Rated -20°C to 60°C, 150V (UF) 600V (UF/TWU)

APPLICATION

- Southwire Type UF Single Conductor and Low-Energy Circuit cable are suitable for landscape irrigation at conductor temperatures not to exceed 60°C
- Underground Feeder Cable for Direct Burial Applications

CONSTRUCTION

- Solid bare copper conductor with PVC insulation
- 18 AWG available colors: White, Yellow, Red, Green, Blue, Black, Purple
- 16 AWG available colors: White, Orange, Red, Green, Blue, Black, Purple
- 14 AWG available in colors: White, Yellow, Orange, Red, Green, Blue, Black, Purple
- 12 AWG available in colors: White, Yellow, Red, Green, Blue, Brown, Black, Purple
- 10 AWG available in colors: White, Yellow, Green, Blue, Black, Purple

COMPLIANCE

- Non-UL Type UF Underground Feeder Wire Rated 150V
- UL Type UF/TWU Underground Feeder Wire; UL Type UF 600V -- cUL TWU 60°C FT1; UL 493



PUMP & IRRIGATION WIRE

STOCK #	DESCRIPTION	SIZE AWG & # OF CONDUCTORS	STRANDS	INSULATION NOM THICKNESS (IN)	CABLE NOM DIMENSIONS (IN)	APPROX. WEIGHT (LB/MFT)	PACKAGE CODES
54499	UF 14 SOL CU NON-UL	18	Solid	0.047	0.134	12.40	AB
54500	UF 12 SOL CU NON-UL	16	Solid	0.047	0.140	15.70	ABC
54501	TWU/UF 14 SOL CU	14	Solid	0.062	0.187	27.20	ABD
54502	TWU/UF 12 SOL CU	12	Solid	0.062	0.202	35.52	BE
54503	TWU/UF 10 SOL CU	10	Solid	0.064	0.224	49.70	BE

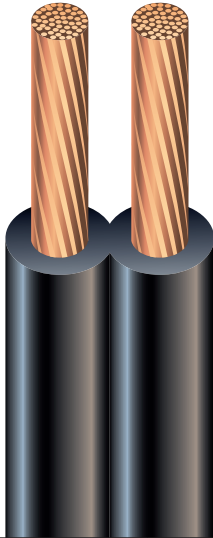
*Some colors and/or packages may be subject to MOQ.

Package Codes:

- A - 500' Spools in Carton
- B - 2500' Reel
- C - 1000' Spools in Carton
- D - 1000' Carton
- E - 500' Carton

LANDSCAPE LIGHTING ULEC

LANDSCAPE LIGHTING ULEC



APPLICATION

- Outdoor Low-Voltage Underground Landscape Lighting Cable is designed for landscape, security, and Landscape Lighting Cable suitable for Direct Burial Stranded Copper Conductor Black PVC Insulation/Jacket.

CONSTRUCTION

- -20°C to +60°C, Underground Low Energy Circuit Cable 30vac
- 30VAC
- Two fully annealed bare stranded copper conductors
- Insulation/Jacket: Premium-grade PVC -20°C to +60°C
- Final assembly: Insulated/Jacketed conductors duplexed in a flat construction for easy tear-down during installation
- Color: Black

SPECIFICATIONS

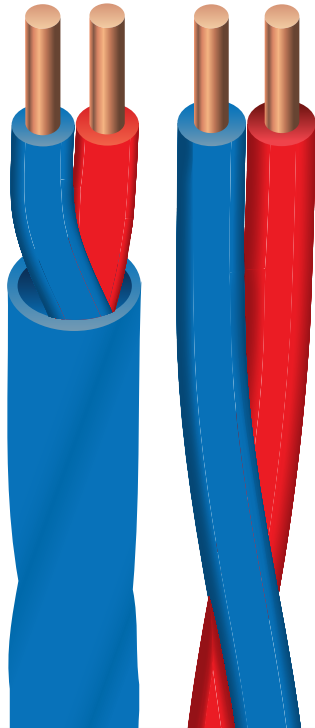
- UL Underground Low-Energy Circuit Cable for Outdoor Lighting
- Meets UL Subj 1493
- EU RoHS Directive

STOCK #	DESCRIPTION	SIZE AWG & # OF CONDUCTORS	NON. OVERALL DIA. (INCHES)	WEIGHT (LB/MFT)	WALL THICKNESS (MIL.)
55266	ULEC 16/2 STR CU BK	16/2	0.277	30.66	20
55267	ULEC 14/2 STR CU BK	14/2	0.318	42.6	20
55269	ULEC 12/2 STR CU BK	12/2	0.388	62.64	38.5
55272	ULEC 10/2 STR CU BK	10/2	0.382	85.6	30
55271	ULEC 8/2 STR CU BK	8/2	0.546	150.7	60

PUMP & IRRIGATION WIRE

DECODER CABLE

DECODER CABLE



APPLICATION

Southwire Decoder Cables are suitable for MDC-50-200 and Site Control decoder systems used in large municipal turf areas and athletic fields.

CONSTRUCTION

With Jacket

- 45 mil insulation on the conductors
- Conductors are twisted and improves surge resistance
- Solid Bare Copper
- Insulation/Jacket PE
- Blue jacket. Orange available by request.

Without Jacket

- 60 mil installation on the conductors
- Conductors are twisted
- Solid Bare Copper

SPECIFICATIONS

- Southwire E217598 (0) 14 AWG 2/C (UL) 600 V Sprinkler Systems Wire 60°C Direct Burial RoHS
- RoHS

STOCK #	SIZE (AWG) AND NUMBER OF CONDUCTORS	NOMINAL CONDUCTOR INSULATION DIAMETER (IN)	APPROX WEIGHT (1LBS/100FT)	PACKAGING (FT)	CONDUCTOR COLORS
DECODER CABLE - TWISTED WITH JACKET					
571169	14/2	0.38	56	2500	RED, BLUE
TBD	12/2	0.41	75	1000, 2500	RED, BLUE
DECODER CABLE - TWISTED WITHOUT JACKET					
TBD	14/2	0.38	43	1000	RED, BLUE

Package Codes:

01 - 1000SP

02 - 2500R

03 - 500SP

COPPER UF-B

COPPER UF-B



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Underground Feeder and Branch Circuit Cable. 600 Volt. Copper Conductors. Sunlight, Moisture, and Fungus Resistant Overall PVC Jacket.

APPLICATION

- Southwire copper UF-B cable is generally used as feeder to outside post lamps, pumps, and other loads or apparatus fed from a distribution point in an existing building.
- UF-B cable may be used underground, including direct burial.
- Multiple conductor UF-B cable may be used for interior branch circuit wiring in residential or agricultural buildings at conductor temperatures not to exceed 90°C (with ampacity limited to that for 60°C conductors).
- UF-B can be used in applications permitted for NMC.
- Voltage rating for UF-B cable is 600 volts.

STANDARDS & REFERENCES

Southwire copper UF-B cable complies with the following:

- ASTM - B3 and B-8
- UL Standard 83
- UL Standard 493
- Federal Specification A-A-59544
- National Electrical Code, NFPA 70, 2023 Edition
- RoHS/ REACH

CONSTRUCTION

- Southwire copper UF-B cable is manufactured as a 2 or 3 conductor cable, with or without a ground wire.
- Copper conductors are annealed (soft) copper, solid or compressed stranded.
- Phase conductors are polyvinyl chloride (PVC) insulated, nylon jacketed, color coded for identification purposes.
- Jacketed with sunlight, moisture and fungus resistant gray PVC.

STOCK #	CONDUCTOR SIZE (AWG OR KCMIL)	NO. OF CONDUCTORS	NO. OF STRANDS	GROUND WIRE SIZE (AWG)	NO. OF GROUNDS	NOM. WIDTH (MILS)	NOM. HEIGHT (MILS)	INSULATION THICKNESS (MILS)	JACKET THICKNESS (MILS)	NOMINAL TOTAL WEIGHT (LBS/1000')
13054201	14	2	1	14	1	423	168	15	30	71
13057501	14	3	1	14	1	581	168	15	30	97
13049201	12	2	1	12	1	386	183	15	30	71
13058301	12	3	1	12	1	626	183	15	30	131
13050001	10	2	1	10	1	440	215	20	30	102
13059101	10	3	1	10	1	727	215	20	30	191
20858701	8	2	7	10	1	678	302	30	45	222
14783501	8	3	7	10	1	1059	319	30	45	344
21469201	6	2	7	10	1	769	338	30	45	303
14782701	6	3	7	10	1	1223	361	30	45	479

PUMP & IRRIGATION WIRE

THERMOSTAT WIRE - UNSHIELDED CL2/CMH

THERMOSTAT WIRE - UNSHIELDED CL2/CMH



APPLICATION

Thermostat Wire is a class 2 power-limited circuit cable for use in thermostat control applications.

CONSTRUCTION

- Solid copper conductors with 6 mils of HDPE insulation
- Conductors are covered with a FR PVC jacket, Brown
- Ripcord

SPECIFICATIONS

- 150 Voltage rating per NEC® Article 725
- ETL listed to UL 13 and UL 444
- Meets UL 1581 Vertical Tray Flame Test (FT-1)
- Type CL2
- C22.2 214 TYPE CMH

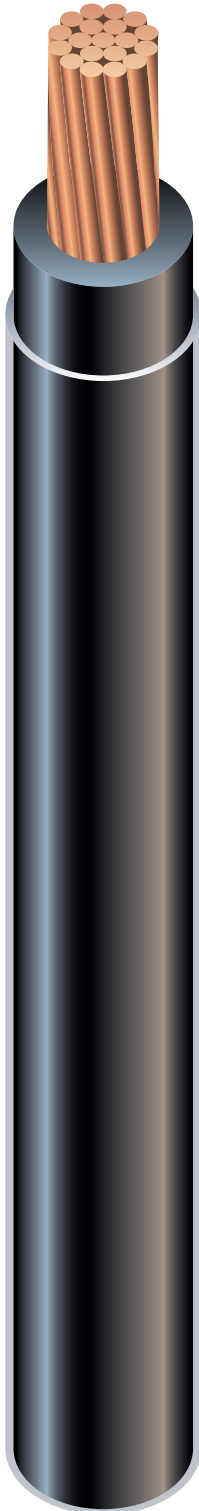


PUMP & IRRIGATION WIRE

STOCK#	DESCRIPTION	AWG	#COND	JACKET COLOR	CONDUCTOR COLOR	RATING	OVERALL DIAMETER (MILS)	NET WEIGHT (LBS/1000FT)
55302	TSTAT 18/2C SOL CU N/S CM/CL2 PVC	18	2	Brown	Red, White	CL2	132	13
55303	TSTAT 18/3C SOL CU N/S CM/CL2 PVC	18	3	Brown	Red, White, Green	CL2	140	19
55304	TSTAT 18/4C SOL CU N/S CM/CL2 PVC	18	4	Brown	Red, White, Green, Blue	CL2	154	25
55305	TSTAT 18/5C SOL CU N/S CM/CL2 PVC	18	5	Brown	Red, White, Green, Blue, Yellow	CL2	170	30
55306	TSTAT 18/6C SOL CU N/S CM/CL2 PVC	18	6	Brown	Red, White, Green, Blue, Yellow, Brown	CL2	186	36
55307	TSTAT 18/7C SOL CU N/S CM/CL2 PVC	18	7	Brown	Red, White, Green, Blue, Yellow, Brown, Orange	CL2	186	41
55308	TSTAT 18/8C SOL CU N/S CM/CL2 PVC	18	8	Brown	Red, White, Green, Blue, Yellow, Brown, Orange, Black	CL2	202	47
55310	TSTAT 18/10C SOL CU N/S CM/CL2 PVC	18	10	Brown	Red, White, Green, Blue, Yellow, Brown, Orange, Black, Pink, Gray	CL2	238	58
55312	TSTAT 18/12C SOL CU N/S CM/CL2 PVC	18	12	Brown	Red, White, Green, Blue, Yellow, Brown, Orange, Black, Pink, Gray, Tan, Purple	CL2	245	69
55202	TSTAT 20/2C SOL CU N/S CM/CL2 PVC	20	2	Brown	Red, White	CL2	114	9.2
55203	TSTAT 20/3C SOL CU N/S CM/CL2 PVC	20	3	Brown	Red, White, Green	CL2	121	12.6
55204	TSTAT 20/4C SOL CU N/S CM/CL2 PVC	20	4	Brown	Red, White, Green, Blue	CL2	132	16.2
55205	TSTAT 20/5C SOL CU N/S CM/CL2 PVC	20	5	Brown	Red, White, Green, Blue, Yellow	CL2	147	20.1
55206	TSTAT 20/6C SOL CU N/S CM/CL2 PVC	20	6	Brown	Red, White, Green, Blue, Yellow, Brown	CL2	160	23.7
55207	TSTAT 20/7C SOL CU N/S CM/CL2 PVC	20	7	Brown	Red, White, Green, Blue, Yellow, Brown, Orange	CL2	160	27
55208	TSTAT 20/8C SOL CU N/S CM/CL2 PVC	20	8	Brown	Red, White, Green, Blue, Yellow, Brown, Orange, Black	CL2	142	26.1
55210	TSTAT 20/10C SOL CU N/S CM/CL2 PVC	20	10	Brown	Red, White, Green, Blue, Yellow, Brown, Orange, Black, Pink, Gray	CL2	202	38
55212	TSTAT 20/12C SOL CU N/S CM/CL2 PVC	20	12	Brown	Red, White, Green, Blue, Yellow, Brown, Orange, Black, Pink, Gray, Tan, Purple	CL2	209	44.3

SIMpull THHN® COPPER THHN WIRE & CABLE

SIMpull THHN® COPPER THHN WIRE & CABLE



600 Volts. Copper Conductor. Thermoplastic Insulation/Nylon Sheath, Heat, Moisture, Gasoline and Oil Resistant. All Sizes Rated Both THHN and either THWN (sizes 14, 12, and 10 AWG) or THWN-2 (sizes 8 AWG and larger). Also Rated MTW and AWM (See Below). SIMpull® Technology for Easier Pulling.

APPLICATION

Southwire SIMpull THHN® copper conductors are primarily used in conduit and cable trays for services, feeders and branch circuits in commercial or industrial applications as specified in the National Electrical Code. Voltage for all applications is 600 volts. SIMpull THHN® copper conductors are designed to be installed without application of a pulling lubricant.

CONSTRUCTION

Southwire SIMpull THHN® copper conductors are made with soft drawn copper. Sizes 14 through 4/0 AWG use a combination -unilay stranding while 250 kcmil and larger sizes use a compressed copper stranding. The wire is covered with a tough heat and moisture resistant PVC insulation with an overall nylon jacket utilizing SIMpull® Technology. Available in black, white, red, blue, purple, green, yellow, orange, brown, and gray. Also available in striped configurations.



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PUMP & IRRIGATION WIRE

SIMpull THHN® COPPER THHN WIRE & CABLE

SIMpull THHN® COPPER THHN WIRE & CABLE

CONDUCTOR		INSULATION THICKNESS (MILS)	JACKET THICKNESS (MILS)	NOMINAL O.D. (MILS)	APPROX. NET WT. PER 1000' (LBS.)	ALLOWABLE AMPACITIES+			STANDARD PACKAGE
SIZE (AWG OR KCMIL)	NO. OF STRANDS					60°C	75°C	90°C	
14*	1	15	4	102	15	15	15	15	AC
12*	1	15	4	119	23	20	20	20	AC
10*	1	20	4	150	36	30	30	30	AC
14*	19	15	4	109	16	15	15	15	AC
12*	19	15	4	128	24	20	20	20	AC
10*	19	20	4	161	38	30	30	30	AC
8	19	30	5	213	63	40	50	55	ABCD
6	19	30	5	249	95	55	65	75	ABCD
4	19	40	6	318	152	70	85	100	ABCD
3	19	40	6	346	189	85	100	115	ABCD
2	19	40	7	378	234	95	115	130	ABCD
1	19	50	7	435	299	110	130	145	ABCD
1/0	19	50	7	474	372	125	150	170	ABCD
2/0	19	50	7	518	462	145	175	195	ABCD
3/0	19	50	7	568	575	165	200	225	ABCD
4/0	19	50	7	624	718	195	230	260	ABCD
250	37	60	8	694	851	215	255	290	ABCD
300	37	60	8	747	1012	240	285	320	ABC
350	37	60	8	797	1174	260	310	350	ABC
400	37	60	8	842	1334	280	335	380	ABC
500	37	60	8	926	1655	320	380	430	ABCD
600	61	70	9	1024	1987	350	420	475	ABC
750	61	70	9	1126	2464	400	475	535	BC
1000	61	70	9	1275	3257	455	545	615	C

* Sizes 14, 12, and 10 AWG are available with SIMpull® Technology only in SIMpull® Barrel or CoilPAK® configurations. Standard put ups vary from the ones shown on this chart for standard 14-10 AWG THHN.

+Allowable ampacities shown are for general use as specified by the 2014 Edition of the National Electrical Code Sections 310.15 and 240.4(D).

Unless the equipment is marked for use at higher temperatures the conductor shall be limited to the following per NEC 110.14(C):

60° C - When terminated to equipment for circuits rated 100 amperes or less or marked for 14 - 1 AWG conductors.

75° C - When terminated to equipment for circuits rated over 100 amperes or marked for conductors larger than 1 AWG.

90° C - THHN dry locations and THWN-2 wet or dry locations for ampacity adjustment purposes using NEC section 310.15.

Package

Codes:

A - 2500' Reel

B - 1000' Reel

C - 500' Spool

D - 5000' Reel

PUMP & IRRIGATION WIRE

3/C CU 2000V XLPE RHH/RHW-2 PVC VFD POWER CABLE TYPE TC-ER

3/C CU 2000V XLPE RHH/RHW-2 PVC VFD POWER CABLE TYPE TC-ER



WE'VE GOT IT
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Type TC-ER VFD Power Cable 2000Volt Three Conductor Copper Polyvinyl Chloride (PVC) Jacket with 3 Symmetrical Bare CU Ground 50% Minimum Tape Shield Overlap

CONSTRUCTION

- Conductor: Class B compressed stranded bare copper per ASTM B3 and ASTM B8
- Insulation: Cross Linked Polyethylene (XLPE) Type RHH/RHW-2
- Grounding Conductor: 3 Class B compressed stranded bare copper ground per ASTM B3 and ASTM B8 (ground size is 50% of the phase conductor)
- Filler: Paper filler (cable size 8 & 6 uses Polypropylene filler)
- Binder: Polyester flat thread binder tape for cable sizes larger than 2 AWG
- Tape Shield: 5 mil copper tape shield with a minimum of 50% overlap
- Overall Jacket: Polyvinyl Chloride (PVC) Jacket

APPLICATIONS AND FEATURES

Southwire's 2000 Volt Type TC-ER VFD power cables are suited for use in wet and dry areas, conduits, ducts, troughs, trays, direct burial, aerial supported by a messenger, and where superior electrical properties are desired. These cables are capable of operating continuously at the conductor temperature not in excess of 90°C for normal operation in wet and dry locations, 130°C for emergency overload, and 250°C for short circuit conditions. For uses in Class I, II, and III, Division 2 hazardous locations per NEC Article 501 and 502. Constructions with 3 or more conductors are listed for exposed runs (TC-ER) per NEC 336.10.

SPECIFICATIONS

- ASTM B3 Soft or Annealed Copper
- ASTM B8 Concentric-lay-standard copper
- UL 44 Thermoset Insulated wires And cables
- UL 1277 Electrical Power and Control Cable
- UL 1685 - Flame Test
- UL 1581 - Electrical Wires
- IEEE 1202/FT4 - Vertical Tray Flame Test (70)
- ICEA S-58-679 - Control Cable Conductor Identification Method 4
- ICEA S-95-658 NEMA WC70 - Power cables rated 2000 volts or less for the distribution of electrical energy

STOCK CODE	COND. SIZE	DIA OVER COND. (1)	INSUL. THICKNESS	DIA OVER COND. (2)	GROUND	JACKET THICKNESS	APPROX. OD (6)	COPPER WEIGHT	APPROX. WEIGHT
	AWG	INCHES	INCHES	INCHES	NO. X AWG	MILS	INCHES	LBS./MFT	LBS./MFT
580672 ◊	14	0.070	60	0.190	3 x 18	45	0.519	54	175
580685 ◊	12	0.087	60	0.207	3 x 16	45	0.558	85	220
580693 ◊	10	0.111	60	0.231	3 x 14	60	0.638	136	307
569388 ◊	8	0.139	70	0.279	3 x 14	60	0.743	193	427
580701 ◊	6	0.174	70	0.314	3 x 12	60	0.819	307	586
569389 ◊	4	0.221	70	0.361	3 x 12	80	0.959	452	789
569387 ◊	2	0.277	70	0.417	3 x 10	80	1.081	718	1120
TBA	1	0.321	90	0.501	3 x 8	80	1.262	937	1460
644333 ◊	1/0	0.360	90	0.540	3 x 6	80	1.346	1233	1805
644334 ◊	2/0	0.404	90	0.584	3 x 6	80	1.441	1491	2121
644337	3/0	0.454	90	0.634	3 x 5	80	1.549	1880	2577
644338 ◊	4/0	0.510	90	0.690	3 x 4	80	1.670	2370	3146
644339 ◊	250	0.558	105	0.768	3 x 2	110	1.899	2960	3978
644340 ◊	350	0.661	105	0.871	3 x 2	110	2.121	3896	5084
644341 ◊	500	0.789	105	0.999	3 x 1	110	2.398	5461	6867

◊ Cable marked with this symbol is a standard stock item

PUMP & IRRIGATION WIRE

NON-METALLIC FLEXIBLE CONDUIT

ULTRATITE® NON-METALLIC FLEXIBLE CONDUIT, GRAY



CONSTRUCTION

Ultratite Type NM is manufactured with rigid PVC reinforcement imbedded within a flexible PVC wall. The construction provides excellent impact and crush strength while remaining highly flexible. The conduit resists oils, mild acids and exposure to sunlight.

APPLICATION

Ultratite® Liquidtight Flexible Nonmetallic Conduit is suitable for the following installations:

- For the installation and protection of electrical conductors
- Motor circuits - for conductors of motor feeders, branch and control circuits
- Where the conditions of installation, operation, or maintenance require flexibility or protection from liquids, vapors, solids, or weather
- Agricultural buildings per NEC® 547.5
- Used in industrial and commercial applications for conveyors, blowers, cranes, air conditioners, machine tooling and lubrication equipment
- Exposed or concealed installations
- Applications requiring movement, crossover connections, or tight bends
- For direct burial and encased in concrete
- For flexible connections to swimming pool, spa, and hot tub motors per NEC® 680.21(A)(3) & 680.42(A)(1)
- Electric signs and outline lighting supply and secondary-circuit conductors per NEC® 600.7, 600.31 (1000 volts or less) & 600.32 (over 1000 volts)
- Hazardous locations - see Additional Applications Section on the following page for more details



STOCK #	TRADE SIZE (IN)	INNER DIAMETER (MIN/MAX)	OUTER DIAMETER (MIN/MAX)	NOMINAL TOTAL WEIGHT (LBS/1000')	MIN. BEND RADIUS (IN)
550941	3/8	4.840/5.040	0.690/0.710	105	4
550942	1/2	0.622/0.642	0.820/0.840	129	6.5
550943	3/4	0.820/0.840	1.030/1.050	178	8.5
550944	1	1.041/1.066	1.290/1.315	259	13
550945	1 1/4	1.380/1.410	1.630/1.660	309	16
550946	1 1/2	1.575/1.600	1.865/1.990	446	18
550947	2	2.020/2.045	2.340/2.375	620	22

PUMP & IRRIGATION WIRE

ROUGH ELECTRICAL COMPONENTS



NM PLT CONNECTORS

STRAIGHT NM PLT CONNECTORS



FEATURES

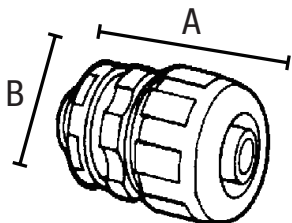
- Liquidtight, raintight, oiltight
- For flexible nonmetallic liquidtight tubing
- Easy assembly avoids having to remove the compression nut
- Straight type
- Gray
- Also available in black

APPLICATIONS

For use in wet and dry locations

Standard Material

6/6 Nylon



MODEL #	SIZE	INNER QTY	MASTER QTY	A	B
P471	1/2"	25	100	2.11	1.43
P472	3/4"	10	100	2.20	1.68
P473	1"	5	50	2.28	1.99

90° NM PLT CONNECTORS



FEATURES

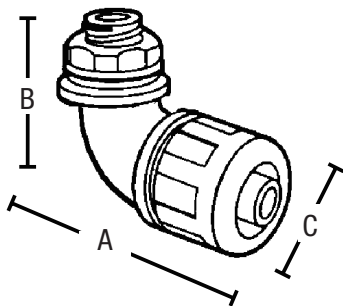
- Liquidtight, raintight, oiltight
- For flexible nonmetallic liquidtight tubing
- Easy assembly avoids having to remove the compression nut
- 90° angle
- Gray
- Also available in black

APPLICATIONS

For use in wet and dry locations

Standard Material

6/6 Nylon



MODEL #	SIZE	INNER QTY	MASTER QTY	A	B	C
P491	1/2"	10	100	2.56	2.14	1.09
P492	3/4"	10	100	2.84	2.38	1.30
P493	1"	5	50	2.25	2.81	1.50

CABLE TIES

STANDARD AND HEAVY DUTY CABLE TIES



IP21



APPLICATION:

- Utility cable ties are designed for use in general applications, while delivering ease of installation, consistent performance, and industry leading reliability.

PRODUCT FEATURES:

- Easy grab tip for pick up from flat surfaces
- Low insertion for quick installation
- Smooth surfaces
- Indoor: Made of nylon 6.6, natural
- Outdoor: Made of nylon 6.6, UV black
- UL Listed

50 LBS. SERIES							
PART NUMBER	COLOR	LENGTH	WIDTH	THICKNESS	BNDL. DIA.	PACK	CASE QTY
BL7S9-M	Natural	7.6"	.18"	.054"	2.0"	1000	10000
BL7S9-C	Natural	7.6"	.18"	.054"	2.0"	100	10000
BL7S0-M	Black	7.6"	.18"	.054"	2.0"	1000	10000
BL7S0-C	Black	7.6"	.18"	.054"	2.0"	100	10000
BL11S9-M	Natural	11.1"	.18"	.054"	3.0"	1000	5000
BL11S9-C	Natural	11.1"	.18"	.054"	3.0"	100	5000
BL11S0-M	Black	11.1"	.18"	.054"	3.0"	1000	5000
BL11S0-C	Black	11.1"	.18"	.054"	3.0"	100	5000
BL14S9-M	Natural	14.6"	.18"	.054"	4.0"	1000	5000
BL14S9-C	Natural	14.6"	.18"	.054"	4.0"	100	5000
BL14S0-M	Black	14.6"	.18"	.054"	4.0"	1000	5000
BL14S0-C	Black	14.6"	.18"	.054"	4.0"	100	5000
120 LBS. SERIES							
PART NUMBER	COLOR	LENGTH	WIDTH	THICKNESS	BNDL. DIA.	PACK	CASE QTY
BL8L9-C	Natural	9"	.298"	.069"	2.0"	100	2500
BL8L0-C	Black	9"	.298"	.069"	2.0"	100	2500
BL11L9-C	Natural	12"	.298"	.069"	3.0"	100	2000
BL11L0-C	Black	12"	.298"	.069"	3.0"	100	2000
BL14L9-C	Natural	14"	.298"	.069"	4.0"	100	2000
BL14L0-C	Black	14"	.298"	.069"	4.0"	100	2000
175 LBS. SERIES							
PART NUMBER	COLOR	LENGTH	WIDTH	THICKNESS	BNDL. DIA.	PACK	CASE QTY
BL24H9-L	Natural	24"	.350"	.087"	7.2"	50	500
BL24H0-L	Black	24"	.350"	.087"	7.2"	50	500
BL36H9-L	Natural	36"	.350"	.087"	11.0"	50	500
BL36H0-L	Black	36"	.350"	.087"	11.0"	50	500
BL48H9-L	Natural	48"	.350"	.087"	15.0"	50	500
BL48H0-L	Black	48"	.350"	.087"	15.0"	50	500

COMPONENTS | CABLE TIES

HAND TOOLS



MADE IN USA PLIERS

SCP9TPCD-US



DCPA8D-US



Made from American forged steel, these tools are built to withstand jobsite wear and tear. Assembled with hot rivet technology, these pliers are designed to be the livelihood of every professional.

- Hot riveted pivot joint for smooth action
- Induction hardened
- Hand sharpened blades
- Drop forged USA steel for durability

SPECIFICATIONS

MODEL #	STOCK #	DESCRIPTION		
SCP9TPCD-US	64807340	Made in USA 9" High-Leverage Side Cutting Pliers w/ Fish Tape Puller, Crimper, & Dipped Grip Handles		
DCPA8D-US	64807540	Made in USA 8" Angled Head High-Leverage Diagonal Cutting Pliers w/ Dipped Handles		
CCP9D-US	64807640	Made in USA 9" High-Leverage Cable Cutters w/ Dipped Grip Handles		
TCC9D-US	64807740	Made in USA 9" Terminal Crimper/Cutter w/ Dipped Grip Handles		
	HEIGHT	WIDTH	DEPTH	WEIGHT
SCP9TPCD-US	11.75"	3.88"	11.75"	1.1 lbs
DCPA8D-US	10.13"	3.88"	10.13"	0.6 lbs
CCP9D-US	11.75"	3.88"	11.75"	1.05 lbs
TCC9D-US	11.75"	3.88"	11.75"	0.9 lbs

CCP9D-US



TCC9D-US



**WE'VE GOT IT
MADE IN AMERICA™**

PLIERS

HIGH LEVERAGE SIDE CUTTING PLIERS

SCP9TPCB



Our high leverage side cutting pliers offer a streamlined design with sure-gripping, cross-hatched knurled jaws.

- Induction-hardened cutting blades ensure efficient and lasting cutting surfaces for hard and soft wire
- Drop forged CRV steel for durability
- File teeth on jaws help remove burrs in conduit
- Curved ergonomic handle for comfortable use

SPECIFICATIONS

MODEL #	STOCK #	DESCRIPTION	HEIGHT	WIDTH	DEPTH	WEIGHT
SCP9TPCB	65028940	High Leverage Side Cutting Combo Pliers				
SCP9TPCB			9.00"	3.54"	0.79"	1.16 lbs

MULTI-TOOL PLIERS

S7N1HD



S816SOLHD



This versatile pair of spring action pliers performs multiple functions.

- Grip, strip, crimp, ream, shear, and cut
- Narrow knurled jaw allows access to tight spaces
- Crimps common size wire ferrules
- Reams and smooths thin-wall conduit ends
- Easily strips 10-14 AWG solid wire
- Durable forged construction for lasting performance
- Comfortable grips minimize hand wear and fatigue
- Strips:
 - S7N1HD: 10-14 AWG Solid, 12-16 Stranded
 - S816SOLHD: 8-16 AWG Solid, 10-18 Stranded

SPECIFICATIONS

MODEL #	STOCK #	DESCRIPTION	HEIGHT	WIDTH	DEPTH	WEIGHT
S7N1HD	65028440	7-in-1 Long Nose Multi-Tool Pliers				
S816SOLHD	65028140	Linesman Wire Stripper 8-16 AWG Solid 10-18 AWG Stranded				
S7N1HD			10.24"	3.54"	0.98"	0.79 lbs
S816SOLHD			10.24"	3.54"	0.98"	0.71 lbs

LONG NOSE PLIERS

LNP8SD



LNP7D



Southwire long nose pliers provide a better grip without sacrificing tool strength or durability.

- Knurled jaws for sure-gripping
- Drop forged CRV steel for durability
- High leverage, hot rivet design for smooth action and no handle wobble
- Long nose design for forming and looping wire and handling small parts
- Precision induction-hardened cutting knives for long-lasting cutting edge
- 12 AWG solid wire stripper on LNP8SD

SPECIFICATIONS

MODEL #	STOCK #	DESCRIPTION	HEIGHT	WIDTH	DEPTH	WEIGHT
LNP8SD	58289740	8" Hvy. Dty. Long Nose Pliers Side Cutting Stripper Dipped Handle				
LNP7D	58749040	7" Long Nose Pliers w/ Side Cut Dipped Handle				
LNP8SD			8.38"	2.13"	0.63"	0.64 lbs
LNP7D			7.38"	2.13"	0.63"	0.38 lbs

WIRE STRIPPERS

WIRE STRIPPERS & CUTTERS

S1018SOL



S612STR



S1018STR



S1626STR



Made of stainless steel, these wire strippers have precision ground stripping holes and are fitted with comfortable double-dipped plastic grips.

- Stainless steel construction is durable and rust-proof
- Serrated nose grasps the cable for easy twisting and pulling
- Double-dipped grip provides comfortable feel
- Spring loaded for self-opening action
- Specially designed cutting blades provide fast and clean wire stripping and cutting

SPECIFICATIONS

MODEL #	STOCK #	DESCRIPTION	HEIGHT	WIDTH	DEPTH	WEIGHT
S1018SOL	58278040	Wire Stripper Cutter 10-18SOL;12-20 Stranded Ergonomic Handle	7.63"	8.38"	0.69"	0.33 lbs
S1018STR	58278140	Compact Stripper Cutter 10-18 AWG Solid	6.25"	2.38"	0.69"	0.29 lbs
S612STR	58277940	Wire Stripper Cutter 6-12 AWG Stranded Ergonomic Handle	7.38"	2.5"	0.63"	0.33 lbs
S1626STR	58278240	Compact Stripper Cutter 16-26 AWG Stranded	6.25"	2"	0.69"	0.28 lbs

CUTTERS

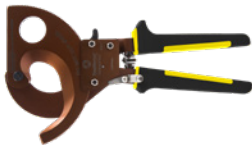
CABLE CUTTING PLIERS



CCP9DE



CCPR400



CCP350



CCPR400S



The shear type hook jaws grab and hold cable while the shear cutting action allows for clean cuts.

- Heat treated, precision ground blades ensure clean cuts
- Comfortable cushion grips reduce hand fatigue
- Forged steel with black-oxide finish for long life
- High leverage pivot joint ensures smooth action and no handle wobble

SPECIFICATIONS

COMFORT GRIP

MODEL #	STOCK #	DESCRIPTION		
CCP9	58993540	9" High Leverage Cable Cutters		
CCPR400	58277740	750MCM Ratcheting Cable Cutter		
CCP350	59158540	350MCM 16" Cable Cutter		
CCPR400S	59556240	600MCM Ratcheting Cable Cutter		
	HEIGHT	WIDTH	DEPTH	WEIGHT
CCP9	9.38"	2.13"	0.63"	0.94 lbs
CCPR400	13.78"	6.81"	1.57"	0.51 lbs
CCP350	18.90"	4.53"	1.18"	2.55 lbs
CCPR400S	9.25"	5.71"	1.57"	1.54 lbs

DIPPED GRIP

MODEL #	STOCK #	DESCRIPTION		
CCP9DE	64323040	9" High Leverage Cable Cutters w/ Ergonomic Dipped Handle		
CCP6D	58748940	6 1/2" Cable Cutting Shears w/ Dipped Handle		
	HEIGHT	WIDTH	DEPTH	WEIGHT
CCP9DE	9.25"	1.8"	0.62"	1 lbs
CCP6D	6.75"	2"	0.75"	0.51 lbs



400A AC CLAMP METER

21510N



The Southwire 21510N 400A AC Clamp Meter offers the features needed for routine electrical repairs. In addition to measuring AC current up to 400A, the 21510N measures AC and DC voltage up to 600V plus provides common multimeter functions such as resistance, capacitance, continuity, temperature and diode. The 21510N offers a built-in, non-contact AC Voltage Detector and a powerful LED worklight for working in dimly lit areas. The 21510N also features a third-hand test probe holder for added convenience. This CAT III clamp meter is designed to survive a 6-foot drop, making it built to last. Great for basic electrical work.

- 400A AC current range
- CAT III 600V safety rating
- Built-in non-contact voltage tester
- Third-Hand test probe holder

SPECIFICATIONS

MODEL #	STOCK #	DESCRIPTION		
21510N	650315	400A AC Clamp Meter with Built-In NCV, Worklight, and Third-Hand Test Probe Holder		
HEIGHT	WIDTH	DEPTH	WEIGHT	
21510N	8.48"	2.91"	1.4"	0.6 lbs.

400A AC/DC CLAMP METER WITH TRUE RMS

21550T



The Southwire 21550T 400A AC/DC Clamp Meter with True RMS offers the features needed for the professional electrician including True RMS accuracy, the ability to measure both AC and DC current, and a built-in, non-contact, AC voltage detector. Other features included are REL and max/min functions in addition to standard multimeter functions such as resistance, capacitance, continuity, temperature, and diode. This clamp meter also has a third-hand test probe holder and a bright LED worklight. The 21550T is built-to-last and is guaranteed to survive a 6-foot drop.

- 400A AC/DC current range
- CAT III 600V safety rating
- True RMS accuracy
- Built-in non-contact voltage tester
- Third-Hand test probe holder

SPECIFICATIONS

MODEL #	STOCK #	DESCRIPTION		
21550T	650318	400A AC/DC Clamp Meter with True RMS, Built-In NCV, Worklight, and Third-Hand Test Probe Holder		
HEIGHT	WIDTH	DEPTH	WEIGHT	
21550T	8.48"	2.91"	1.4"	0.6 lbs.

MULTIMETERS

RESIDENTIALPRO™ BLUETOOTH® CAT III MULTIMETER

14070T



This Bluetooth enabled multimeter in combination with Southwire's MApp™ mobile app allows you to view, record, and share readings on your smartphone. With TrueRMS and Low-Z readings, a rugged waterproof and dust-proof housing, and built-in flashlight, this compact multimeter can be used in a wide range of applications.

- Features automatic power off
- Bluetooth interface for viewing, recording and sharing using Southwire's MApp™ mobile app
- TrueRMS readings provide higher accuracy on AC circuits
- Low-Z function eliminates false readings from "ghost" voltage
- Powerful LED work light for added convenience
- Rugged IP67 waterproof and dust-tight housing
- CAT III 600V safety rating, UL listed
- Built-in test lead storage
- Includes
 - Test leads
 - Type K temperature probe with banana plug adapter
 - Three AAA batteries

SPECIFICATIONS

MODEL #	STOCK #	DESCRIPTION	
13090T	630160	ResidentialPRO™ Bluetooth® CAT III Multimeter	
FUNCTION	RANGE	MAX. RESOLUTION	MAX. ACCURACY (% OF READING)
AC Voltage	600V	1mV	±1.0%
Low-Z (AC Voltage)	300V	1mV	±1.5%
DC Voltage	600V	0.1mV	±1.0%
Low-Z (DC Voltage)	300V	0.1mV	±1.5%
AC Current	10A	0.1µA	±2.5%
DC Current	10A	0.1µA	±2.0%
Resistance	40MΩ	0.1Ω	±1.5%
Capacitance	4000µF	10pF	±3.0%
Frequency	10kHz	0.001Hz	±1.0%
Duty Cycle	1.0 to 99.9%	0.1%	±1.2%
Temperature	0°F to 1400°F	0.1°	±2.0%
	-18°C to 760°C	0.1°	±2.0%
Continuity	Audible threshold approx. 50Ω		
Diode Test	Yes		
Dimensions	5.8 x 2.7 x 2.0 in.		
Weight	0.70 lb.		

TEMPORARY LIGHTING



WORK LIGHTS

RECHARGEABLE LED FOLDING WORK LIGHT



514125

- Integrated lithium-ion battery - 7.4V, 800 mAh
- IP65, indoor or outdoor use
- 50,000 hour LED life
- Operating temperature: -10° to 125° F
- 5000K light temperature

SPECIFICATIONS



MODEL #	DESCRIPTION	ACCESSORIES	LUMENS	WATTS	RUN TIME	RECHARGE TIME
514124	PROLIGHT™ Folding LED Work Light	Wall Charger Car Charger	2,400 LM - High 1,200 LM - Med 800 LM - Low	30W	2.5 Hrs - High 5 Hrs. - Medium 8 Hrs. - Low	4 Hrs.
514125	PROLIGHT™ Folding LED Work Light	Wall Charger Car Charger Tripod				

PROLIGHT™ MAX 20W LED WORK LIGHT



511512

- 1,800 lumens
- 110° pivoting head
- Three modes: high, low and strobe
- 20 Watt
- Up to 10 hours run time from 1000 to 1800 lm
- IP65 Rated
- Lithium-ion Rechargeable battery
- Multiple mounting options and magnetic feet

SPECIFICATIONS



MODEL #	DESCRIPTION	HEIGHT	WIDTH	LENGTH	WEIGHT
511512	Mini 20W LED Rechargeable Flood	7"	12"	6"	3"

20K LUMEN DUAL HEAD



CSW10X2

- Includes: 2-Step Tripod Stand
- Quick-Release Dual Head Base
- On/Off Switch
- 18/3 SJTW Cord
- 5000K Color Temperature
- Each head delivers 10000 lumens

SPECIFICATIONS



MODEL #	DESCRIPTION	HEIGHT	WIDTH	LENGTH	WEIGHT
CSW10X2	20,000 Lumen Dual Head Work Light with Tripod	24"	16"	68"	14.9"

5K LUMEN RATCHETING HEADLAMPS



CSW5X1

- Multi-Position Ratcheting Floor Stand
- 360-Degree Rotating Head
- On/Off Switch
- 18/3 SJTW Cord
- 5000K Color Temperature
- 5000 Lumens

SPECIFICATIONS

MODEL #	DESCRIPTION	HEIGHT	WIDTH	LENGTH	WEIGHT
CSW10X2	20,000 Lumen Dual Head Work Light with Tripod	24"	16"	68"	14.9"

HANDHELD LIGHTS

ALKALINE BATTERY HEAD LAMP



HL1030SW

- Foam forehead pad
- Adjustable elastic head band
- Smooth dimming
- Hinged aimable head
- 2 x AAA batteries included



SPECIFICATIONS

MODEL #	DESCRIPTION	SPOT LIGHT LUMENS	FLOOD LIGHT LUMENS	RUN TIME	BATTERIES INCLUDED
HL1030SW	300 Lumen LED Adjustable Headlamp with (2x) AAA	120	300 - High 30 - Low	Up to 30 Hours	2 x AAA Batteries

RECHARGEABLE HEAD LAMPS



HL12RSW

- Detachable magnetic light head
- Constant current - maintains light level throughout the life of the charge
- IP65 - weatherproof
- 3-Year warranty
- Lithium-ion battery
- HL25RSW has a hands-free on/off sensor and down light for near field tasks like reading
- Includes two hard hat clips and charger



SPECIFICATIONS



HL25RSW

MODEL #	DESCRIPTION	DOWN LIGHT LUMENS	SPOT LIGHT LUMENS	FLOOD LIGHT LUMENS	RUN TIME	RECHARGE TIME
HL12RSW	120 Lumen Rechargeable LED Head Lamp	N/A	N/A	120 - High 60 - Low	Up to 5 Hours	2-3 Hours
HL25RSW	250 Lumen Rechargeable LED Head Lamp	120 - High 60 - Low	150	250 - High 75 - Low	Up to 8 Hours	2-3 Hours

SL SERIES RECHARGEABLE HANDHELD LIGHTS



SL20RSW
SL50RSW

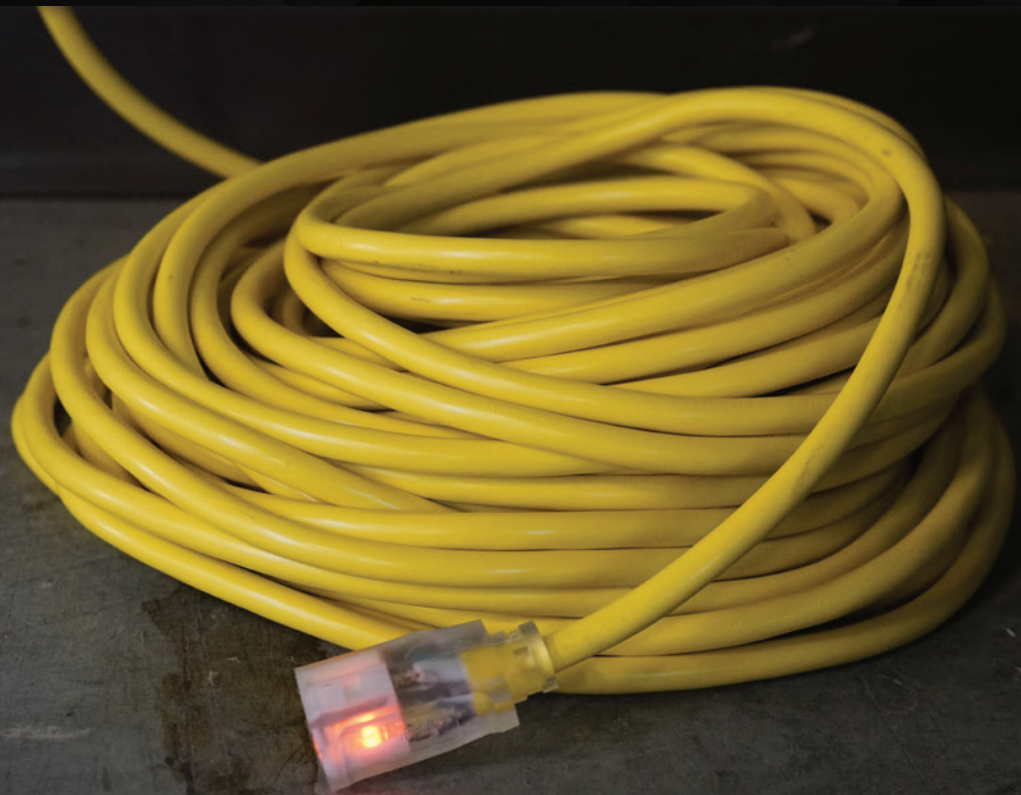
- Magnetic base
- Hanging Hook
- Articulating Arm
- Spot Light Tip
- 1M Drop Test
- Includes carrying case
- Constant current - maintains light level throughout the life of the charge
- 3-Year Warranty
- Lithium-Ion Battery



SPECIFICATIONS

MODEL #	DESCRIPTION	SPOT LIGHT LUMENS	FLOOD LIGHT LUMENS	RUN TIME	CHARGER INCLUDED
SL20RSW	200 Lumen Rechargeable Folding LED Handheld Light	100	200 - High 50 - Low	Up to 10 Hours	Yes
SL50RSW	500 Lumen Rechargeable Folding LED Handheld Light	100	500 - High 100 - Low	Up to 12.5 Hours	Yes

EXTENSION CORDS



EXTENSION CORDS

12/3 SJEOW COLD SUPREME EXTENSION CORDS WITH LIGHTED ENDS



FEATURES

- 15 Amps
- 125 Volts
- UL Rated Temp: -70°C to 105°C
- NEMA 5-15 Plug/Receptacle
- SJEOW Jacket
- Highly Resistant to Abrasion
- Heavy Duty
- Chemical & Oil Resistant Outer Jacket
- Lighted Receptacle Shows Power is On
- Limited Lifetime Warranty

STOCK #	DESCRIPTION	HEIGHT	WIDTH	DEPTH	WEIGHT	COLOR	GAUGE	AMPS	VOLTAGE	LENGTH
1638SW0061	12/3 50' SJEOW BLUE/WHITE COLD SUPREME EXTENSION CORD W/LIGHTED END	13"	5"	3"	6.04 lbs	Blue/White	12/3	15	125	50 ft.
1639SW0061	12/3 100' SJEOW BLUE/WHITE COLD SUPREME EXTENSION CORD W/LIGHTED END	12.5"	12.25"	5"	12.53 lbs	Blue/White	12/3	15	125	100 ft.

12/3 SJE00W POLAR/SOLAR EXTENSION CORDS WITH LIGHTED ENDS



FEATURES

- 15 Amps
- 125 Volts
- UL Rated Temp: -50°C to 60°C
- NEMA 5-15 Plug/Receptacle
- SJE00W Jacket
- Highly Resistant to Abrasion
- Heavy Duty
- Chemical & Oil Resistant
- Lighted Receptacle Shows Power is On
- Limited Lifetime Warranty

STOCK #	DESCRIPTION	HEIGHT	WIDTH	DEPTH	WEIGHT	COLOR	GAUGE	AMPS	VOLTAGE	LENGTH
1688SW0002	12/3 50' SJE00W YELLOW POLAR/SOLAR EXTENSION CORD W/LIGHTED END	13"	5"	3"	6.04 lbs	Yellow	12/3	15	125	50 ft.
1689SW0002	12/3 100' SJE00W YELLOW POLAR/SOLAR EXTENSION CORD W/LIGHTED END	12.5"	12.25"	5"	12.25 lbs	Yellow	12/3	15	125	100 ft.

14/3 SJE00W POLAR/SOLAR EXTENSION CORDS WITH LIGHTED ENDS



FEATURES

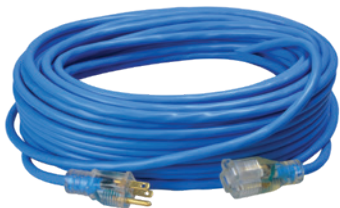
- 15 Amps
- 125 Volts
- UL Rated Temp: -50°C to 60°C
- NEMA 5-15 Plug/Receptacle
- SJEOW Jacket
- Highly Resistant to Abrasion
- Medium Duty
- Chemical & Oil Resistant
- Lighted Receptacle Shows Power is On
- Limited Lifetime Warranty

STOCK #	DESCRIPTION	HEIGHT	WIDTH	DEPTH	WEIGHT	COLOR	GAUGE	AMPS	VOLTAGE	LENGTH
1488SW0002	14/3 50' SJE00W YELLOW POLAR/SOLAR EXTENSION CORD W/LIGHTED END	14"	5.75"	3"	4.42 lbs	Yellow	14/3	15	125	50 ft.
1489SW0002	14/3 100' SJE00W POLAR/SOLAR EXTENSION CORD W/LIGHTED END	15"	7.5"	3"	8.09 lbs	Yellow	14/3	13	125	100 ft.

EXTENSION CORDS

EXTENSION CORDS

14/3 SJTW LOW TEMP EXTENSION CORDS WITH LIGHTED ENDS



FEATURES

- 15 Amps
- 125 Volts
- UL Rated Temp: -50°C to 60°C
- NEMA 5-15 Plug/Receptacle
- Low Temp SJTW Jacket
- Low Temp Outdoor Cord
- Medium Duty
- Weather Resistant Jacket
- Lighted Receptacle Shows Power is On
- Limited Lifetime Warranty

STOCK #	DESCRIPTION	HEIGHT	WIDTH	DEPTH	WEIGHT	COLOR	GAUGE	AMPS	VOLTAGE	LENGTH
2468SW8806	14/3 50' SJTW LOW TEMP BLUE EXTENSION CORD W/LIGHTED END	13.5"	2.5"	7"	4.81 lbs	Blue	14/3	15	125	50 ft.
2469SW8806	14/3 100' SJTW LOW TEMP BLUE EXTENSION CORD W/LIG	14"	3"	7"	9.55 lbs	Blue	14/3	13	125	100 ft.

12/3 SJTW MADE IN USA EXTENSION CORDS WITH LIGHTED ENDS



FEATURES

- 15 Amps
- 125 Volts
- UL Rated Temp: -40°C to 60°C
- NEMA 5-15 Plug/Receptacle
- SJTW Jacket
- Weather Resistant Jacket
- Heavy Duty
- Rated for Outdoors
- Lighted Receptacle Shows Power is On
- Limited Lifetime Warranty



**WE'VE GOT IT
MADE IN AMERICA™**

STOCK #	DESCRIPTION	HEIGHT	WIDTH	DEPTH	WEIGHT	COLOR	GAUGE	AMPS	VOLTAGE	LENGTH
2548SWUSA1	12/3 50' SJTW MADE IN USA RED/WHITE/BLUE W/LIGHTED ENDS	14"	7.5"	3"	6.42 lbs	Red/White/Blue	3-Dec	15	125	50 ft.
2549SWUSA1	12/3 100' SJTW MADE IN USA RED/WHITE/BLUE W/LIGHTED ENDS	15"	10"	3.5"	12.56 lbs	Red/White/Blue	3-Dec	15	125	50 ft.

12/3 SJTW TRI-SOURCE EXTENSION CORDS WITH LIGHTED ENDS



FEATURES

- 15 Amps
- 125 Volts
- UL Rated Temp: -40°C to 60°C
- NEMA 5-15 Plug/Receptacle
- SJTW Jacket
- Weather Resistant Jacket
- Heavy Duty
- Rated for Outdoors
- Lighted Receptacle Shows Power is On
- Limited Lifetime Warranty

STOCK #	DESCRIPTION	HEIGHT	WIDTH	DEPTH	WEIGHT	COLOR	GAUGE	AMPS	VOLTAGE	LENGTH
4188SW8802	12/3 50' SJTW TRI-SOURCE YELLOW EXTENSION CORD W/LIGHTED END	13"	3"	7.5"	7.87 lbs	Yellow	3-Dec	15	125	50 ft.
4189SW8802	12/3 100' SJTW YELLOW TRI-SOURCE EXTENSION CORD W/LIGHTED END	13"	3"	10.5"	14.88 lbs	Yellow	3-Dec	15	125	100 ft.

EXTENSION CORDS

PIGTAILS – POWER SUPPLY CORD SPT-3 STRAIGHT AND RIGHT ANGLE



Rated 125 Volt

APPLICATION

Southwire's SPT-3 Power Supply Cords (pigtails) can be used for general purpose use. For multiple uses and suitable for a replacement power cord for air conditioners, refrigerators, freezers, microwaves

CONSTRUCTION

- Southwire's SPT-3 Power Supply Cords (pigtails) are manufactured using bare flexible stranded copper conductors with grey PVC insulation
- Available with a straight plug or right angle plug. The other end will be split and stripped

SPECIFICATIONS:

- UL Listed (UL 817)
- NEMA 5-15P

STOCK #	DESCRIPTION	AWG	#COND	CORD LENGTH (FT)	VOLTS	AMPS	WATT
9724SW8809	REPLCORD, 16/3 SPT-3 R/ANGLE 4' GRAY SW	16	3	4	125	13A	1625
9726SW8809	REPLCORD, 16/3 SPT-3 R/ANGLE 6' GRAY SW	16	3	6	125	13A	1625
9733SW8809	REPLCORD, 16/3 SPT-3 STRAIGHT 3' GRAY SW	16	3	3	125	13A	1625
9734SW8809	REPLCORD, 16/3 SPT-3 STRAIGHT 4' GRAY SW	16	3	4	125	13A	1625
9736SW8809	REPLCORD, 16/3 SPT-3 STRAIGHT 6' GRAY SW	16	3	6	125	13A	1625

16/3 6' SJTW POWER SUPPLY CORD

9706SW8808



FEATURES

- 13 Amps
- 125 Volts
- SJTW Jacket
- UL Rated Temp: -40°C to 60°C
- Power Supply Replacement Cord
- Black
- NEMA 5-15 Plug
- Light Duty

STOCK #	DESCRIPTION	HEIGHT	WIDTH	DEPTH	WEIGHT	COLOR	GAUGE	AMPS	VOLTAGE	LENGTH
9706SW8808	16/3 6' SJTW POWER SUPPLY CORD	12"	0.75"	3"	0.44 lbs	Black	16/3	13	125	6 ft.

14/3 6' SJTW POWER SUPPLY CORD

9716SW8808



FEATURES

- 15 Amps
- 125 Volts
- SJTW Jacket
- UL Rated Temp: -40°C to 60°C
- Power Supply Replacement Cord
- Black
- NEMA 5-15 Plug
- Medium Duty

STOCK #	DESCRIPTION	HEIGHT	WIDTH	DEPTH	WEIGHT	COLOR	GAUGE	AMPS	VOLTAGE	LENGTH
9716SW8808	14/3 6' SJTW POWER SUPPLY CORD	11.75"	0.75"	3"	0.66 lbs	Black	14/3	15	125	6 ft

EXTENSION CORDS



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