



Southwire™

CAM TYPE CABLE ASSEMBLIES

Single Conductor Type SC, Type W, and Type DLO Cable Assemblies using CAM-Type Single Pole Series 16 Devices



APPLICATIONS AND FEATURES:

CAM-Type Cable Assemblies have been a staple in the Temporary Power Industry dating back to the 1950's. The convenience of the single-pole device makes connecting a 200A or 400A Power system easy and modular. For use in entertainment, stage, studio, events, construction, and load bank projects.



FEATURE AND BENEFITS:

- Southwire-Brand cables have variable ratings from 600V to 2000V, 100-Amp to 400-Amp
- Color-Coded CAM-Type Devices can be deployed for specific systems and voltages
- Reliable, Advanced Devices CLS-Series Devices used in manufacturing
- Other manufacturers devices can be used for additional fee
- Custom Labeling and Lengths available

SPECIFICATIONS:

See additional pages for Information on Cable and Ordering Information

**BUILT FOR DURABILITY.
BUILT FOR RELIABILITY.
BUILT FOR WORK.™**

1-855-798-6657 | SOUTHWIRE.COM

©2023 Southwire Company, LLC. All rights reserved.
*Registered Trademark & ™Trademark of Southwire Company, LLC.



Southwire™

HEAVY DUTY TYPE SC ENTERTAINMENT CABLE



600 Volt -40°C to 105°C Extra Flexible Copper Cable. Water and Sunlight Resistant, Indoor or Outdoor Use, Flame Retardant, Resistant to Oil, Solvents, Ozone, Aging, and Abrasion

CONSTRUCTION:

Southwire Type HD SC Entertainment Cables are manufactured using fully annealed stranded bare copper conductors per ASTM B-172. A polyester or paper tape separates the copper conductor from the insulation. The black CPE thermoset insulation is a special single layer construction.

SPECIFICATIONS:

- UL Listed Type SC per UL 1680
- CSA Certified as Type PPC
- OSHA Acceptable
- 105°C (-40°C) 600 V
- For use in accordance with NEC Articles 520, 525, and 530, indoor and outdoor locations
- Suitable for continuous submersion in water
- Flame Test: meets FT-1, FT-5

APPLICATIONS AND FEATURES:

Portable power and lighting applications in the entertainment industry including activities such as theater, television, night clubs, motion pictures, mobile communication vans, spotlights, sound systems, and other applications that would require temporary power. Southwire Type SC cables are rated for 600 volts and provide excellent flexibility, resistance to oil, solvents, ozone, aging, abrasion, and are flame retardant. SC Cables are designed to withstand exposure to oil, acids, alkalines, heat, flame, moisture, chemicals, and may be submerged in water.

INDUSTRIAL GRADE TYPE W CABLE



2000 Volt -90°C Flexible Copper Cable. Rated for Continuous Submersion, Sunlight Resistant, Indoor or Outdoor Use, Flame Retardant, Resistant to Oil and Abrasion

CONSTRUCTION:

Southwire Type W Industrial Grade Single Conductor Cables are manufactured using bare, soft drawn annealed stranded bare copper conductors per ASTM B3/B172. A polyester or paper tape separates the copper conductor from the insulation. The black EPDM insulation is separated from the CPE thermoset jacket by a re-endorment bundle of twine.

SPECIFICATIONS:

- ASTM B3 Standard Specification for Soft or Annealed Copper Wire
- ASTM B172 Standard Specification for Rope-Lay-Stranded Copper Conductors Having Bunch-Stranded Copper Conductors
- UL 44 Thermoset-Insulated Wires and Cables
- UL 1650 Standard for Portable Power Cable
- MSHA Approved
- RoHS-2 (European Directive 2011/65/EU)
 - Flame Test: meets FT-1, FT-5

APPLICATIONS AND FEATURES:

Southwire Type W cable is a heavy-duty industrial cable for use in flexible, portable, and extra-hard usage applications per NEC Article 400. Suitable for continuous submersion in water ideal for submersible pumps. Also suitable for use in light to medium-duty mining applications. Sunlight and oil resistant. Highly flexible and easy to work with in cold conditions. Approved for use per the NEC® as Type RHH/RHW-2 90°C wet or dry. Meets FT-1 and FT-5 Flame Tests.

**BUILT FOR DURABILITY.
BUILT FOR RELIABILITY.
BUILT FOR WORK.™**

1-855-798-6657 | SOUTHWIRE.COM

©2023 Southwire Company, LLC. All rights reserved.
*Registered Trademark & ™ Trademark of Southwire Company, LLC.



Southwire™

HEAVY DUTY TYPE DLO CABLE



2000 Volt -90oC Flexible Copper Cable. Rated for both Dry and Wet locations. Sunlight Resistant, Indoor or Outdoor Use, Flame Retardant, Resistant to Oil, Heat and Abrasion

CONSTRUCTION:

Southwire Type DLO Heavy Duty Flexible Power Single Conductor Cables are manufactured using Flexible Stranded Rope-Lay Class I Tinned Copper per ASTM B33 and B172. A mylar tape separates the copper conductor from the insulation. The jacket is comprised of a 2-layer EPDM/CPE Thermoset jacket

SPECIFICATIONS:

ASTM B3 - Soft or Annealed Copper

- ASTM B33 - Tinned Soft or Annealed Copper
- B172 - Rope-Lay-Stranded Copper Conductors Having Bunch Stranded Members
- UL Subject 2806 - Type HDFPC-DLO
- UL 44 - Type RHH/RHW-2
- CSA C22.2 No. 38 - Type RW90. (#12 and #10 AWG are not RW90)
- CSA C22.2 No.230 Tray Cables - Rated TC-ER (1/0 AWG and Larger)

- MSHA - P-07-KA100013
- IEEE 1202/FT4 - Flame Test (70,000 Btu/hr Vertical Tray Test). #8 and larger CSA. 1/0 and larger UL
- UL 1685 - Vertical-Tray Fire-Propagation and Smoke-Release Test
- ICEA S-95-658 (NEMA WC70) Power cables rated 2000 volts or less for the distribution of electrical energy

APPLICATIONS AND FEATURES:

HDFPC-DLO is a 2kV flexible power cable with a variety of possible applications such as but not limited to: Drilling rigs, railroad and transit car wiring, mining and other industrial equipment, and as flexible motor leads and wind turbine applications. The cable is suited for use in wet and dry areas, conduits, ducts, troughs, trays, and where superior electrical properties are desired. The maximum continuous conductor temperature for normal operation is 90°C wet or dry. Approved for use per the NEC® as Type RHH/RHW-2 and per the CE Code as 2kV Type RW90. 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. Sizes 1/0 and Larger Rated For CT Use.

**BUILT FOR DURABILITY.
BUILT FOR RELIABILITY.
BUILT FOR WORK.™**

1-855-798-6657 | SOUTHWIRE.COM

©2023 Southwire Company, LLC. All rights reserved.
*Registered Trademark & ™Trademark of Southwire Company, LLC.



Southwire™

CAM-TYPE CABLE SETS



SETS ARE AS PRINTED AND ONLY THE PN# IS NEEDED TO ORDER.
FOR INDIVIDUAL CAM CABLES, PLEASE SEE ADDITIONAL PAGES.

PART #	JACKET TYPE	BANDING	RATING	LENGTH	GAUGE	DESCRIPTION		
6115SCB-120-208	SC	Yes*	100A	50	#2	Set of 5 #2 Type SC 50 Ft cables, with Black, Red, Blue, White, Green CAM's		
6111SCB-PM-120-208				10		Set of 5 #2 Type SC 10 Ft cables, with Male Black, Red, Blue, White, Green CAM's		
6111SCB-PF-120-208				10		Set of 5 #2 Type SC 10 Ft cables, with Female Black, Red, Blue, White, Green CAM's		
6120SC-120-208	SC	No	200A	100	2/0	Set of 5 2/0 Type SC 100 Ft cables, with Black, Red, Blue, White, Green CAM's		
6120W-120-208	W	No				Set of 5 2/0 Type W 100 Ft cables, with Black, Red, Blue, White, Green CAM's		
6125SC-120-208	SC	No		50		Set of 5 2/0 Type SC 50 Ft cables, with Black, Red, Blue, White, Green CAM's		
6125W-120-208	W	No				Set of 5 2/0 Type W 50 Ft cables, with Black, Red, Blue, White, Green CAM's		
61225SC-120-208	SC	No		25		Set of 5 2/0 Type SC 25 Ft cables, with Black, Red, Blue, White, Green CAM's		
61225W-120-208	W	No				Set of 5 2/0 Type W 25 Ft cables, with Black, Red, Blue, White, Green CAM's		
6140SC-120-208	SC	No		400A		100	4/0	Set of 5 4/0 Type SC 100 Ft cables, with Black, Red, Blue, White, Green CAM's
6140W-120-208	W	No						Set of 5 4/0 Type W 100 Ft cables, with Black, Red, Blue, White, Green CAM's
6145SC-120-208	SC	No	50		Set of 5 4/0 Type SC 50 Ft cables, with Black, Red, Blue, White, Green CAM's			
6145W-120-208	W	No			Set of 5 4/0 Type W 50 Ft cables, with Black, Red, Blue, White, Green CAM's			
6145W-480	W	No	25		Set of 4 4/0 Type W 50 Ft cables, with Brown, Orange, Yellow, and Green CAM's			
61245SC-120-208	SC	No			Set of 5 4/0 Type SC 25 Ft cables, with Black, Red, Blue, White, Green CAM's			
61425W-120-208	W	No			Set of 5 4/0 Type W 25 Ft cables, with Black, Red, Blue, White, Green CAM's			

*Heavy Duty Adhesive Shrink every 2 Linear Ft.

**BUILT FOR DURABILITY.
BUILT FOR RELIABILITY.
BUILT FOR WORK.™**

1-855-798-6657 | SOUTHWIRE.COM

©2023 Southwire Company, LLC. All rights reserved.
*Registered Trademark & ™Trademark of Southwire Company, LLC.



Southwire™

CAM-TYPE CABLE EXTENSIONS



BK Black



BU Blue



R Red



W White



BR Brown



Y Yellow



O Orange



G Green

PART #	JACKET TYPE	COLOR	RATING	LENGTH	GAUGE
6120	SC	See Color Chart	200A	100'	2/0
6120	W				
6125	SC				
6125	W				
61225	SC				
61225	W				
6140	SC		400A	100'	4/0
6140	W				
6145	SC				
6145	W				
6145	DLO				
61425	SC				
61425	W	25'			

HOW TO CHOOSE A CAM EXTENSION:

Part # + Jacket + Color

Example: 6145WBK = 400 Amp 4/0 Type W Black CAM

**BUILT FOR DURABILITY.
BUILT FOR RELIABILITY.
BUILT FOR WORK.™**

1-855-798-6657 | SOUTHWIRE.COM

©2023 Southwire Company, LLC. All rights reserved.
*Registered Trademark & ™Trademark of Southwire Company, LLC.



Southwire™

CAM-TYPE TAILS



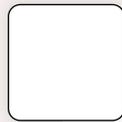
BK Black



BU Blue



R Red



W White



BR Brown



Y Yellow



O Orange



G Green

PART #	GENDER	COLOR	JACKET	CABLE TYPE	RATING	LENGTH	GAUGE	DESCRIPTION
6121	P	See Color Chart		SC	200A	10	2/0	Female Tail
6121	P		W	W	200A	10	2/0	Female Tail
6121	PM			SC	200A	10	2/0	Male Tail
6121	PM		W	W	200A	10	2/0	Male Tail
6126	P		W	W	200A	6	2/0	Female Tail
6141	P			SC	400A	10	4/0	Female Tail
6141	P		W	W	400A	10	4/0	Female Tail
6141	PM		W	W	400A	10	4/0	Male Tail
6146	P		W	W	400A	6	4/0	Female Tail
6146	PM		W	W	400A	6	4/0	Male Tail
6143	P		W	W	400A	3	4/0	Female Tail
6143	PM		W	W	400A	3	4/0	Male Tail

HOW TO CHOOSE A CAM TAIL:

Part # + Gender + Color + Jacket

Examples:

6121PBK = Female Tail 200 Amp 2/0 Type SC Black CAM

6146PMGW = Male Tail 400 Amp 4/0 Type W Green CAM

**BUILT FOR DURABILITY.
BUILT FOR RELIABILITY.
BUILT FOR WORK.™**

1-855-798-6657 | SOUTHWIRE.COM

©2023 Southwire Company, LLC. All rights reserved.
*Registered Trademark & ™Trademark of Southwire Company, LLC.