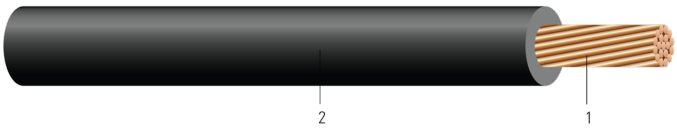
Southwire CABLETECH SUPPORT™ Services

UL LISTED

1/C Type THW-2 Cable PVC 600V

Specifications

* ASTM B3: Soft or Annealed Copper Wire
* ASTM B787: 19 Wire Combination Unilay-Stranded Copper Conductors
* UL 83: Thermoplastic-Insulated Wires and Cables



Cable image is for reference only and does not depict actual cable construction

Construction

1) Conductor: Combination unilay-stranded bare copper per ASTM B3 and ASTM B787
2) Insulation: Polyvinyl chloride (PVC)

Applications and Features

Southwire's 600 Volt THW-2 conductors are primarily used in conduit and other recognized raceways for service, feeder, and branch circuits in commercial or industrial applications. Rated for used in wet or dry locations at 90ºC.

Print Legend

SOUTHWIRE E23919 MASTER-DESIGN {UL} 4/0 AWG CU TYPE THW-2 90{D}C 600 VOLTS

Stock Code	Conductor Size	Conductor Diameter	Insulation Thickness	Approx. Overall OD	Approx. Weight	Min. Bend Radius	Max. Pull Tension	Ampacity† 75ºC/90ºC
-	AWG	inches	mils	inches	lb. / 1,000'	inches	lb.	amps
115501	4/0	0.510	80	0.68	755	2.8	1692	230/260

* Dimensions are nominal and subject to normal manufacturing tolerances.
* Sample print legend, actual may vary.

†Ampacity values based on NEC 2023 Table 310.16. See also NEC Sections 310.15 and 110.14(C) for additional requirements.

Cust. Spec Approval: _____

Drn/Chk By:	RK	Req By:	CA	11/3/2023
Ticket #:	59666	Drw #:	RK12752	Rev: 1

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