




**Product:** [1595](#) 

TW-75 600V, 1/0 AWG 19 str Bare copper, PVC insulation , 75C , CSA HMF SUN RES

## Product Description

TW-75 600V, 1/0 19 str AWG Bare copper, PVC insulation , 75C Wet Dry, CSA HMF SUN RES

## Technical Specifications

### Product Overview

Suitable Applications:	CEC Power and Control Applications
------------------------	------------------------------------

### Construction Details

#### Conductor

Element	No. of Elements	Stranding	Material
Conductor(s)	1	19x12	BC - Bare Copper

#### Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PVC - Polyvinyl Chloride	0.080 in (2.0 mm)	0.520 in (13.2 mm)	black

#### Outer Jacket

Nom. Thickness	Nom. Diameter
0.080 in (2.0 mm)	0.515 in (13.1 mm)

Overall Cable Diameter (Nominal): 0.520 in (13.2 mm)

### Electrical Characteristics

#### Electricals

Element	Max. Current
Conductor(s)	150 Amps per Conductor at 30°C

#### Voltage

Voltage Rating
600 V (600v)

### Mechanical Characteristics

#### Temperature

Operating	Installation
-25°C To +75°C	-25°C To +75

Bulk Cable Weight: 393 lbs/1000ft (585 kg/km)

### Standards and Compliance

Environmental Suitability:	Indoor, Sunlight Resistance
CEC / C(UL) Compliance:	C22.2 No. 75
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

## History

Update and Revision:	Revision Number: 0.278 Revision Date: 05-22-2026
----------------------	--

© 2026 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.