



Part Number: 34490

Hook-Up/Lead Wire UL AWM Style 3193, (1) 1/0 AWG (262x24) TC, CSPE, 600V, 105°C

 [Request Sample](#)

Product Description

One 1/0 AWG stranded (262x24) tinned copper conductor, chlorosulphonated polyethylene (CSPE) insulation.

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
1/0	262x24	TC - Tinned Copper	1

Conductor Count:	1
Conductor Size:	1/0 AWG

Insulation

Material	Nominal Diameter	Nominal Wall Thickness	Min. Average Wall Thickness
CSPE - Chlorosulphonated Polyethylene	0.607 in	0.091 in	0.08 in
CSPE - Chlorosulphonated Polyethylene			

Outer Jacket Material

Material
No Jacket

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
0.1 Ohm/1000ft

Shielding:	Unshielded
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Current

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	286 amps

Voltage

UL Description	UL Voltage Rating	Voltage Rating [V]
UL AWM 3193	600 V	CSA - 300V

Temperature Range

UL Temp Rating:	105°C
Operating Temp Range:	-30°C To +105°C

Mechanical Characteristics

Bulk Cable Weight:	439 lbs/1000ft
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Standards

UL AWM Style:	3193
CSA Rating:	300 V RMS, 105°C
CSA Type:	CL1052

Military Specification:	N/A
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Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LSOH, Toxicity Testing

UL voltage rating:	600 V RMS
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Footnote
34490 010100	Black	C
34490 010250	Black	C F
34490 01050	Black	

Footnote:	C - CRATE REEL PUT-UP.
Footnote:	F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'.

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