



**Part Number: 8469**

Audio/Control/Instrumentation, (9) 18 AWG (19x30) TC, PVC/PVC, CMG

[Request Sample](#)

## Product Description

Nine 18 AWG stranded (19x30) tinned copper conductors, conductors cabled, PVC insulation, PVC jacket.

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors
18	19x30	TC - Tinned Copper	9

Conductor Count:	9
Conductor Size:	18 AWG

#### Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.018 in

#### Color Chart

Number	Color
1	Black
2	White
3	Red
4	Green
5	Brown
6	Blue
7	Orange
8	Yellow
9	Purple

#### Outer Shield Material

Material
Unshielded

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.364 in	0.037 in

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
6.3 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor
26 pF/ft

Shielding:	Unshielded
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#### Current

**Max. Recommended Current [A]**

3.5 Amps per conductor @ 25°C

**Voltage****UL Voltage Rating**

300 V RMS (UL AWM Style 2598)

**Temperature Range**

UL Temp Rating:	60°C (UL AWM Style 2598)
Operating Temp Range:	-20°C To +60°C

**Mechanical Characteristics**

Bulk Cable Weight:	89 lbs/1000ft
Max Recommended Pulling Tension:	187 lbs
Min Bend Radius/Minor Axis:	3.75 in

**Standards**

NEC Articles:	800
NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
UL AWM Style:	UL Style 2598 (300 V 60°C)
CPR Euroclass:	Eca

**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):	2005-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

**Flammability, LSOH, Toxicity Testing**

UL Flammability:	UL1685 FT4 Loading
CSA Flammability:	FT4
UL voltage rating:	300 V RMS (UL AWM Style 2598)

**Plenum/Non-Plenum**

Plenum (Y/N):	No
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**Part Number****Variants**

Item #	Color	Footnote
8469 060100	Chrome	
8469 0601000	Chrome	C
8469 060250	Chrome	C
8469 060500	Chrome	C
8469 0605000	Chrome	

Footnote:	C - CRATE REEL PUT-UP.
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