



**Part Number: 9157**

Audio/Control/Instrumentation, (4 pr) 18 AWG (16x30) TC, PVC/PVC, CMG

[Request Sample](#)

## Product Description

Four 18 AWG pairs stranded (16x30) tinned copper conductors, twisted pairs, PVC insulation, PVC jacket.

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Pairs
18	16x30	TC - Tinned Copper	4

Conductor Count:	8
Total Number of Pairs:	4
Conductor Size:	18 AWG

#### Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.013 in

#### Color Chart

Number	Color
1	Black & Red
2	Black & White
3	Black & Green
4	Black & Blue

#### Inner Shield Material

Material
Unshielded

#### Outer Shield Material

Material
Unshielded

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.381 in	0.032 in

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
5.86 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor
25.5 pF/ft

Shielding:	Unshielded
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#### Current

**Max. Recommended Current [A]**

3.4 Amps per conductor @ 20°C

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

300 V RMS

**Temperature Range**

UL Temp Rating:	80°C
Operating Temp Range:	-20°C To +80°C

**Mechanical Characteristics**

Bulk Cable Weight:	76 lbs/1000ft
Max Recommended Pulling Tension:	179 lbs
Min Bend Radius/Minor Axis:	4 in

**Standards**

NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
UL AWM Style:	UL Style 2464 (300 V 80°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 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**

CSA Flammability:	FT4
UL voltage rating:	300 V RMS

**Plenum/Non-Plenum**

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

Item #	Color	Footnote
9157 060100	Chrome	
9157 0601000	Chrome	C
9157 060500	Chrome	C

Footnote:	C - CRATE REEL PUT-UP.
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