



**Part Number:** 9157

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

## Product Description

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

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Pairs
18	16x30	TC - Tinned Copper	4
<b>Total Number of Conductors:</b>			8

#### Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.013 in

#### Color Chart 1:

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

#### Innershield:

Material
Unshielded

#### Outershield 1:

Material
Unshielded

#### Outerjacket 1:

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

#### Current:

Max. Recommended Current [A]
3.4 Amps per conductor @ 20°C

#### Voltage:

UL Voltage Rating
300 V RMS

## Use

Max Recommended Pulling Tension:	179 lbs
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## Safety

CSA Flammability:	FT4
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## Temperature Range

Non-UL Temp Rating:	80°C (UL AWM Style 2464)
Operating Temp Range:	-20°C To +80°C

## Mechanical Characteristics

Min Bend Radius/Minor Axis:	4 in
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## Part Number

Plenum (Y/N):	No
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## Standards

CA Prop 65 (CJ for Wire & Cable):	CA Prop 65 (CJ for Wire & Cable)
CEC/C(UL) Specification:	CEC/C(UL) Specification
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
NEC/(UL) Specification:	NEC/(UL) Specification
UL AWM Style:	AWM Specification
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	EU CE Mark

## History

## Product Variants

Part Number	Color	Put-Up Type	Length
9157 0601000	CHROME	Reel	1000 ft
9157 060100	CHROME	Reel	100 ft
9157 060500	CHROME	Reel	500 ft

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