

**Part Number:** 8458

Audio/Control/Instrumentation, (15) 22 AWG (7x30) TC,  
PVC/PVC, CMG

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## Product Description

Fifteen 22 AWG stranded (7x30) tinned copper conductors, conductors cabled, PVC insulation, PVC Jacket.

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## Product Specifications

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## Technical Specifications

### Construction and Dimensions

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#### Conductor:

AWG	Stranding	Material	No. of Conductors
22	7x30	TC - Tinned Copper	15

<b>Total Number of Conductors:</b>	15
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#### Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.011 in

#### Color Chart 1:

Color
Black
White
Red
Green
Orange
Blue
White/Black
Red/Black
Green/Black
Orange/Black
Blue/Black
Black/White
Red/White
Green/White
Blue/White

**Outershield 1:**

Material
Unshielded

**Outerjacket 1:**

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.315 in	0.04 in

**Electrical Characteristics**

**Conductor DCR:**

Nominal Conductor DCR
15.6 Ohm/1000ft

**Capacitance:**

Nom. Capacitance Conductor to Conductor
34 pF/ft

**Current:**

Max. Recommended Current [A]
2.1 Amps per conductor @ 25°C

**Inductance:**

Nominal Inductance	
0.17 $\mu$ H/ft	

## Voltage:

UL Voltage Rating	
300 V RMS (CMG)	
150 V RMS (UL AWM Style 2576)	

## Use

Max Recommended Pulling Tension:	135 lbs
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## Safety

CSA Flammability:	FT4
UL Flammability:	UL1685 FT4 Loading

## Temperature Range

Operating Temp Range:	-20°C To +80°C
UL Temp Rating:	80°C (UL AWM Style 2576)

## Mechanical Characteristics

Min Bend Radius/Minor Axis:	3.25 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
CSA AWM Specification:	CSA 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
8458 0601000	CHROME	Reel	1000 ft
8458 060100	CHROME	Reel	100 ft
8458 0605000	CHROME	Reel	5000 ft
8458 060500	CHROME	Reel	500 ft

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