



**Part Number: 8458**

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

## Product Description

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

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

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

Conductor Count:	15
AWG Size:	22

#### Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.011 in

#### Color Chart

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

#### Outer Shield Material

Material
Unshielded

#### Outer Jacket Material

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

## Inductance

### Nominal Inductance

0.17 µH/ft

## Current

### Max. Recommended Current [A]

2.1 Amps per conductor @ 25°C

## Voltage

### UL Voltage Rating

300 V RMS (CMG)

150 V RMS (UL AWM Style 2576)

## Temperature Range

UL Temp Rating: 80°C (UL AWM Style 2576)

Operating Temp Range: -20°C To +80°C

## Mechanical Characteristics

Bulk Cable Weight: 64 lbs/1000ft

Max Recommended Pulling Tension: 135 lbs

Min Bend Radius/Minor Axis: 3.25 in

## Standards

NEC/(UL) Specification: CMG

CEC/C(UL) Specification: CMG

UL AWM Style: UL Style 2576 (150 V 80°C)

CSA AWM Specification: FT4

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, LS0H, Toxicity Testing

UL Flammability: UL1685 FT4 Loading

CSA Flammability: FT4

## Part Number

Plenum (Y/N): No

## Variants

Item #	Color	Footnote
8458 060100	CHROME	
8458 0601000	CHROME	C
8458 060500	CHROME	C
8458 0605000	CHROME	C

Footnote: C - CRATE REEL PUT-UP.

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