



**Part Number: 9458**

Audio/Control/Instrumentation, (15) 20 AWG (7x28) TC, PVC/PVC, CMG

## Product Description

Fifteen 20 AWG stranded (7x28) tinned copper conductors, PVC insulation, PVC jacket.

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors
20	7x28	TC - Tinned Copper	15

Conductor Count:	15
Conductor Size:	20 AWG

#### Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.015 in

#### Color Chart

Number	Color
1	Blue w/White Stripe
2	Green w/White Stripe
3	Red w/White Stripe
4	Black w/White Stripe
5	Blue w/Black Stripe
6	Orange w/Black Stripe
7	Green w/Black Stripe
8	Red w/Black Stripe
9	White w/Black Stripe
10	Blue
11	Orange (around Green)
12	Green
13	Red
14	White
15	Black

#### Outer Shield Material

Material
Unshielded

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.389 in	0.04 in

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
10.7 Ohm/1000ft

## Capacitance

### Nom. Capacitance Conductor to Conductor

27 pF/ft

Shielding: Unshielded

## Current

### Max. Recommended Current [A]

2.8 Amps per conductor @ 25°C

## Voltage

### UL Voltage Rating

300V RMS

## Temperature Range

UL Temp Rating: 80°C (UL AWM Style 2464)

Operating Temp Range: -20°C To +80°C

## Mechanical Characteristics

Bulk Cable Weight: 100 lbs/1000ft

Max Recommended Pulling Tension: 185 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)

## 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

UL Flammability: UL1685 FT4 Loading

CSA Flammability: FT4

UL Voltage Rating: 300 V RMS

## Plenum/Non-Plenum

Plenum (Y/N): No

## Part Number

### Variants

Item #	Color	Footnote
9458 060100	CHROME	
9458 0601000	CHROME	C
9458 060500	CHROME	C
9458 0605000	CHROME	

Footnote: C - CRATE REEL PUT-UP.

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