



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

300 V 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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