



Part Number: 8468

Audio/Control/Instrumentation, (15) 18 AWG (19x30) TC, PVC/PVC, CMG

Product Description

Fifteen 18 AWG stranded (19x30) tinned copper conductors, conductors cabled, PVC insulation, PVC jacket.

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
18	19x30	TC - Tinned Copper	15

Conductor Count:	15
Conductor Size:	18 AWG

Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.018 in

Color Chart

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

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.5 in	0.045 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
6.3 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor

26 pF/ft

Shielding: Unshielded

Current

Max. Recommended Current [A]

3.5 Amps per conductor @ 25°C

Voltage

UL Voltage Rating

300V RMS

Temperature Range

UL Temp Rating: 60°C (UL AWM Style 2598)

Operating Temp Range: -20°C To +60°C

Mechanical Characteristics

Bulk Cable Weight: 153 lbs/1000ft

Max Recommended Pulling Tension: 375 lbs

Min Bend Radius/Minor Axis: 5 in

Standards

NEC Articles: 800

NEC/(UL) Specification: CMG

CEC/C(UL) Specification: CMG

UL AWM Style: UL Style 2598 (300 V 60°C)

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 2015/863/EU: 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
8468 060100	CHROME	C
8468 0601000	CHROME	C
8468 060500	CHROME	C
8468 0605000	CHROME	

Footnote: C - CRATE REEL PUT-UP.

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