



Part Number: 8469

Audio/Control/Instrumentation, (9) 18 AWG (19x30) TC, PVC/PVC, CMG

Product Description

Nine 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	9
Conductor Count:			9
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	Brown
6	Blue
7	Orange
8	Yellow
9	Purple

Outer Shield Material

Material
Unshielded

Outer Jacket Material		
Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.364 in	0.037 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
300 V RMS (UL AWM Style 2598)

Temperature Range

UL Temp Rating:	60°C (UL AWM Style 2598)
Operating Temp Range:	-20°C To +60°C

Mechanical Characteristics

Bulk Cable Weight:	89 lbs/1000ft
Max Recommended Pulling Tension:	187 lbs
Min Bend Radius/Minor Axis:	3.75 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, LS0H, Toxicity Testing

UL Flammability:	UL1685 FT4 Loading
CSA Flammability:	FT4
UL voltage rating:	300 V RMS (UL AWM Style 2598)

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Footnote
8469 060100	Chrome	
8469 0601000	Chrome	C
8469 060250	Chrome	C
8469 060500	Chrome	C
8469 0605000	Chrome	

Footnote:	C - CRATE REEL PUT-UP.
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