



Part Number: 8489

Audio/Control/Instrumentation, (4) 18 AWG (19x30) TC, PVC/PVC, CMG

Product Description

Four 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	4

Conductor Count:	4
Conductor Size:	18 AWG

Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.017 in

Color Chart

Number	Color
1	Black
2	White
3	Red
4	Green

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.257 in	0.032 in

Construction and Dimensions

Cabling

Lay Length	Lay Direction	Twists
3 in	Left Hand	4 twist/ft

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
6.3 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	
26 pF/ft	
Shielding:	Unshielded

Current

Element	Max. Recommended Current [A]
10C Temperature Rise	4 Amps per conductor @ 25°C ambient

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:	44 lbs/1000ft
Max Recommended Pulling Tension:	83 lbs
Min Bend Radius/Minor Axis:	2.75 in

Standards

NEC Articles:	725, 800
NEC/(UL) Specification:	CL3, 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

Suitability

Suitability - Indoor:	Yes
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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
Plenum Number:	88489, 82489

Part Number

Variants

Item #	Color	Footnote
8489 060100	CHROME	
8489 0601000	CHROME	C
8489 060250	CHROME	
8489 060500	CHROME	C
8489 0605000	CHROME	
8489 060U1000	CHROME	
8489 060U500	CHROME	

Footnote:	C - CRATE REEL PUT-UP.
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