



**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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