



**Part Number: 8628**

Audio/Control/Communication/Instrumentation, (7) 14 AWG (19x27) TC, PVC/PVC

## Product Description

Seven 14 AWG stranded (19x27) tinned copper conductors, conductors cabled, PVC insulation, PVC jacket.

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Conductors
14	19x27	TC - Tinned Copper	0.071 in	7
Conductor Count:			7	
Conductor Size:			14 AWG	

#### Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.045 in

#### Color Chart

Number	Color
1	Black
2	White
3	Red
4	Green
5	Orange
6	Blue
7	White/Black

#### Outer Shield Material

Material
Unshielded

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.623 in	0.06 in

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
2.8 Ohm/1000ft

#### Capacitance

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

#### Current

Max. Recommended Current [A]
6.5 Amps per conductor @ 25°C

## Voltage

### Non-UL Voltage Rating

600 V RMS

## Temperature Range

Operating Temp Range: -20°C To +80°C

## Mechanical Characteristics

Bulk Cable Weight: 239 lbs/1000ft

Max Recommended Pulling Tension: 332 lbs

Min Bend Radius/Minor Axis: 6.25 in

## 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): 2005-10-01

CA Prop 65 (CJ for Wire & Cable): Yes

MII Order #39 (China RoHS): Yes

## Flammability, LSOH, Toxicity Testing

UL Flammability: VW-1

CSA Flammability: FT1

Other Flammability: VW-1, FT1

## Plenum/Non-Plenum

Plenum (Y/N): No

## Part Number

### Variants

Item #	Color	Footnote
8628 060100	Chrome	C
8628 0601000	Chrome	C
8628 060500	Chrome	C

Footnote: C - CRATE REEL PUT-UP.

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