



Part Number: 8627

Audio/Control/Communication/Instrumentation, (4) 14 AWG (19x27) TC, PVC/PVC

Product Description

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

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
14	19x27	TC - Tinned Copper	4

Conductor Count:	4
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

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.49 in	0.045 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
2.8 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
18 pF/ft

Shielding:	Unshielded
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Current

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

Voltage

Non-UL Voltage Rating

600 V RMS

Temperature Range

Operating Temp Range:	-20°C To +80°C
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Mechanical Characteristics

Bulk Cable Weight:	138 lbs/1000ft
Max Recommended Pulling Tension:	190 lbs
Min Bend Radius/Minor Axis:	5 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:	Yes
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, LS0H, Toxicity Testing

UL Flammability:	VW-1
CSA Flammability:	FT1
Other Flammability:	VW-1, FT1

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Footnote
8627 060100	CHROME	C
8627 0601000	CHROME	C

Footnote:	C - CRATE REEL PUT-UP.
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