



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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