



Part Number: 9622

Audio/Control/Instrumentation, (25) 16 AWG (19x29) TC, PVC/PVC

Product Description

Twenty-five 16 AWG stranded (19x29) tinned copper conductors, PVC insulation, PVC jacket.

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
16	19x29	TC - Tinned Copper	25

Conductor Count:	25
Conductor Size:	16 AWG

Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.031 in

Color Chart

Number	Color
1	Black
2	White
3	Red
4	Green
5	Orange
6	Blue
7	White/Black
8	Red/Black
9	Green/Black
10	Orange/Black
11	Blue/Black
12	Black/White
13	Red/White
14	Green/White
15	Blue/White
16	Black/Red
17	White/Red
18	Orange/Red
19	Blue/Red
20	Red/Green
21	Orange/Green
22	Black/White/Red
23	White/Black/Red
24	Red/Black/White
25	Green/Black/White

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.879 in	0.065 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
4.4 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
19.5 pF/ft

Shielding:	Unshielded
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Current

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

Voltage

Non-UL Voltage Rating
600 V RMS

Temperature Range

UL Temp Rating:	80°C
Operating Temp Range:	-20°C To +80°C

Mechanical Characteristics

Bulk Cable Weight:	440 lbs/1000ft
Max Recommended Pulling Tension:	760 lbs
Min Bend Radius/Minor Axis:	9 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

Other Flammability:	VW-1, FT1
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Part Number

Variants

Item #	Color	Footnote
9622 060100	CHROME	C
9622 0601000	CHROME	C
9622 0602000	CHROME	
9622 060500	CHROME	C

Footnote:	C - CRATE REEL PUT-UP.
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