



**Part Number:** 9622

Audio, Control and Instrumentation Cable

## Product Description

16 AWG stranded (19x29) tinned copper conductors, conductors cabled, PVC insulation, PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Conductors
16	19x29	TC - Tinned Copper	25
<b>Total Number of Conductors:</b>			25

#### Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.031 in

#### Color Chart 1:

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

#### Outershield 1:

Material
Unshielded

#### Outerjacket 1:

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

## Electrical Characteristics

#### Conductor DCR:

Nominal Conductor DCR
4.4 Ohm/km

## Capacitance:

### Nom. Capacitance Conductor to Conductor

19.5 pF/m

## Current:

### Max. Recommended Current [A]

3.5 Amps per conductor @ 25°C

## Voltage:

### Non-UL Voltage Rating

600V RMS

## Use

Max Recommended Pulling Tension:

760 lbs

## Safety

Other Flammability:

VW-1, FT1

## Temperature Range

Operating Temp Range:

-20°C To +80°C

UL Temp Rating:

80°C

## Mechanical Characteristics

Min Bend Radius/Minor Axis:

9 in

## Part Number

## Standards

CA Prop 65 (CJ for Wire & Cable):

Yes

MII Order #39 (China RoHS):

Yes

EU Directive Compliance:

EU Directive 2003/11/EC (BFR)

EU CE Mark:

Yes

## History

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