



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 |
|------------|------------|

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 |
|---------------------|-----------|

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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