



Part Number: 8465

Audio/Control/Instrumentation, (5) 18 AWG (19x30) TC, PVC/PVC, CMG

 [Request Sample](#)

Product Description

Five 18 AWG stranded (19x30) tinned copper conductors, conductors cabled, PVC insulation, PVC jacket.

Technical Specifications

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Conductors |
|------------------|-----------|--------------------|-------------------|
| 18 | 19x30 | TC - Tinned Copper | 5 |
| Conductor Count: | | | 5 |
| Conductor Size: | | | 18 AWG |

Insulation

| Material | Nominal Wall Thickness |
|--------------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.017 in |

Color Chart

| Number | Color |
|--------|-------|
| 1 | Black |
| 2 | White |
| 3 | Red |
| 4 | Green |
| 5 | Brown |

Outer Shield Material

| Material |
|------------|
| Unshielded |

Outer Jacket Material

| Material | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.282 in | 0.033 in |

Electrical Characteristics

Conductor DCR

| Nominal Conductor DCR |
|-----------------------|
| 6.3 Ohm/1000ft |

Capacitance

| Nom. Capacitance Conductor to Conductor | |
|---|------------|
| 26 pF/ft | |
| Shielding: | Unshielded |

Current

| Max. Recommended Current [A] |
|------------------------------|
| 4 Amps per conductor @ 25°C |

Voltage

| UL Voltage Rating |
|-------------------|
|-------------------|

300 V RMS (UL AWM Style 2598)

Temperature Range

| | |
|-----------------------|--------------------------|
| UL Temp Rating: | 60°C (UL AWM Style 2598) |
| Operating Temp Range: | -20°C To +60°C |

Mechanical Characteristics

| | |
|----------------------------------|---------------|
| Bulk Cable Weight: | 50 lbs/1000ft |
| Max Recommended Pulling Tension: | 125 lbs |
| Min Bend Radius/Minor Axis: | 3 in |

Standards

| | |
|--------------------------|----------------------------|
| NEC Articles: | 800 |
| NEC/(UL) Specification: | CMG |
| CEC/C(UL) Specification: | CMG |
| UL AWM Style: | UL Style 2598 (300 V 60°C) |
| CPR Euroclass: | Eca |

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 2015/863/EU: | Yes |
| EU Directive Compliance: | EU Directive 2003/11/EC (BFR) |
| EU CE Mark: | Yes |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2005-04-01 |
| CA Prop 65 (CJ for Wire & Cable): | Yes |
| MII Order #39 (China RoHS): | Yes |

Flammability, LS0H, Toxicity Testing

| | |
|--------------------|-------------------------------|
| UL Flammability: | UL1685 FT4 Loading |
| CSA Flammability: | FT4 |
| UL voltage rating: | 300 V RMS (UL AWM Style 2598) |

Plenum/Non-Plenum

| | |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

Part Number

Variants

| Item # | Color | Footnote |
|---------------|--------|----------|
| 8465 060100 | Chrome | |
| 8465 0601000 | Chrome | C |
| 8465 060500 | Chrome | C |
| 8465 0605000 | Chrome | |
| 8465 060U1000 | Chrome | |
| 8465 060U500 | Chrome | |

| | |
|-----------|------------------------|
| Footnote: | C - CRATE REEL PUT-UP. |
|-----------|------------------------|

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