

Part Number: 8444

Audio/Control/Instrumentation, (4) 22 AWG (7x30) TC,
PVC/PVC, CMG

Product Description

Four 22 AWG stranded (7x30) tinned copper conductors, conductors cabled, PVC insulation, PVC Jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

| AWG | Stranding | Material | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 22 | 7x30 | TC - Tinned Copper | 4 |

| | |
|------------------------------------|---|
| Total Number of Conductors: | 4 |
|------------------------------------|---|

Insulation:

| Material | Nominal Wall Thickness |
|--------------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.011 in |

Color Chart 1:

| Color |
|-------|
| Black |
| White |
| Red |
| Green |

Cabling 1:

| Lay Length | Lay Direction | Twists |
|------------|---------------|--------------|
| 2.75 in | Left Hand | 4.4 twist/ft |

Outershield 1:

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

Outerjacket 1:

| Material | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.185 in | 0.032 in |

Electrical Characteristics

Conductor DCR:

| Nominal Conductor DCR |
|-----------------------|
| 15.6 Ohm/1000ft |

Capacitance:

| Nom. Capacitance Conductor to Conductor |
|---|
| 34 pF/ft |

Current:

| Element | Max. Recommended Current A |
|----------------------|---------------------------------------|
| 10C Temperature Rise | 2.4 Amps per conductor @ 25°C ambient |

Inductance:

| Nominal Inductance |
|--------------------|
| 0.17 µH/ft |

Voltage:

| UL Description | UL Voltage Rating |
|----------------|-------------------|
| UL type CMG | 300V RMS |
| UL AWM 2576 | 150V RMS |

Use

| | |
|----------------------------------|--------|
| Suitability - Indoor: | Yes |
| Max Recommended Pulling Tension: | 35 lbs |

Safety

| | |
|-------------------|--------------------|
| CSA Flammability: | FT4 |
| UL Flammability: | UL1685 FT4 Loading |

Temperature Range

| | |
|-----------------------|--------------------------|
| Operating Temp Range: | -20°C To +80°C |
| UL Temp Rating: | 80°C (UL AWM Style 2576) |

Mechanical Characteristics

| | |
|-----------------------------|------|
| Min Bend Radius/Minor Axis: | 2 in |
|-----------------------------|------|

Part Number

| | |
|----------------|--------------|
| Plenum (Y/N): | No |
| Plenum Number: | 88444, 82444 |

Standards

| | |
|-----------------------------------|----------------------------------|
| CA Prop 65 (CJ for Wire & Cable): | CA Prop 65 (CJ for Wire & Cable) |
| CEC/C(UL) Specification: | CEC/C(UL) Specification |
| CSA AWM Specification: | CSA Specification |
| MII Order #39 (China RoHS): | MII Order #39 (China RoHS) |
| NEC Articles: | NEC Articles |
| NEC/(UL) Specification: | NEC/(UL) Specification |
| UL AWM Style: | AWM Specification |
| EU Directive Compliance: | EU Directive 2003/11/EC (BFR) |
| EU CE Mark: | EU CE Mark |

History

Product Variants

| Part Number | Color | Put-Up Type | Length |
|---------------|--------|-------------|---------|
| 8444 0601000 | CHROME | Reel | 1000 ft |
| 8444 060100 | CHROME | Reel | 100 ft |
| 8444 0605000 | CHROME | Reel | 5000 ft |
| 8444 060500 | CHROME | Reel | 500 ft |
| 8444 060U1000 | CHROME | UnReel | 1000 ft |
| 8444 060U500 | CHROME | UnReel | 500 ft |

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