



Product: <u>5502GE</u> ☑

Security & Sound, #22-2c, BC, Shielded, CMR

Product Description

Security & Sound Cable, Riser-CMR, 1-22 AWG stranded bare copper pair with polyolefin insulation and Beldfoil® shield, 2-22 AWG stranded bare copper conductors with insulation, overall PVC jacket with ripcord

Technical Specifications

| MaterialNominal DiameterNominal Wall ThicknessPVC - Polyvinyl Chloride0.152 in0.017 inElectrical CharacteristicsConductor DCRNominal Conductor DCR16.4 Ohm/1000ft | Suitable Applications: | Security Syster | n, Intercom/PA, Audio | o/Speaker, Power-Limited | Controls, Noisy Environmer |
|---|-----------------------------------|------------------|-----------------------|--------------------------|----------------------------|
| AWG Stranding Material No. of Pairs 22 7x30 BC - Bare Copper 1 Conductor Count: 4 neutrial Nominal Wall Thickness PP - Polypropylee 0.007 in Schor Chart | Physical Characteristics (Ove | erall) | | | |
| 22 7x30 BC - Bare Copper 1 Conductor Count: 4 Image: Select Se | Conductor | | | | |
| Conductor Count: 4 Insulation Material Nominal Wall Thickness PP - Polypropylene 0.007 in Color Chart Image: Color Chart Black & Red (shielded pair) Image: Color Chart Image: Color Chart Image: Color Chart Material Material Material Trade Name Coverage (%) Drainwire Material Drainwire AWG Image: Color Chart Material Material No % TC - Tinned Copper 24 Image: Color Chart Material No Shield Nominal Diameter Nominal Wall Thickness PVC - Polynyiny Chloride 0.52 in 0.017 in Electrical Characteristics Electrical Characteristics Conductor DCR Image: Conductor DCR Nominal Conductor DCR Image: Conductor to Conductor to Conductor to Conductor to Chart Nominal Conductor DCR Image: Conductor to Conductor to Conductor to Chart Non: Capacitance Nom: Capacitance Conductor to Chart< | AWG Stranding Material | No. of Pairs | | | |
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Inductance

Nominal Inductance

Current

Max. Recommended Current [A] 2.2 Amps per conductor @ 25°C A

Voltage

UL Voltage Rating 300 V RMS

Temperature Range

| Operating Temp Range: | -20°C To +75°C |
|-----------------------|----------------|
| | |

Mechanical Characteristics

| Bulk Cable Weight: | 18.2 lbs/1000ft |
|----------------------------------|-----------------|
| Max Recommended Pulling Tension: | 42 lbs |
| Min Bend Radius/Minor Axis: | 1.5 in |

Standards

| NEC/(UL) Specification: | CMR |
|--------------------------|-----|
| CEC/C(UL) Specification: | CMG |

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): | 2005-04-01 |
| MII Order #39 (China RoHS): | Yes |

Flammability, LS0H, Toxicity Testing

| C(UL) Flammability: | FT4 |
|---------------------|--------------|
| UL Flammability: | UL1666 Riser |
| UL voltage rating: | 300 V RMS |

Plenum/Non-Plenum

| Plenum (Y/N): | No |
|----------------|--------|
| Plenum Number: | 6502GE |

Part Number

Variants

| ltem # | Color | UPC |
|-----------------|-------|--------------|
| 5502GE 010U1000 | Black | 612825163350 |
| 5502GE 001U1000 | Brown | 612825163329 |
| 5502GE 0081000 | Gray | 612825163343 |
| 5502GE 008U1000 | Gray | 612825163336 |

History

Update and Revision:

Revision Number: 0.228 Revision Date: 04-28-2020

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