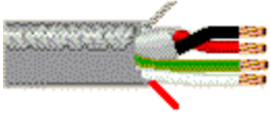


Part Number: 5402GE

Security & Sound, #20-2c, BC, Shielded, CMR



Product Description

Security & Sound Cable, Riser-CMR, 1-20 AWG stranded bare copper pair with PVC insulation and Beldfoil® shield, 2-20 AWG stranded bare copper conductors with insulation, overall PVC jacket with ripcord

Technical Specifications

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Conductors | No. of Pairs |
|-----|-----------|------------------|-------------------|--------------|
| 20 | 7x28 | BC - Bare Copper | 2 | 1 |

| | |
|------------------|--------|
| Conductor Count: | 4 |
| Conductor Size: | 20 AWG |

Insulation

| Material | Nominal Wall Thickness |
|--------------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.01 in |

Color Chart

| Color |
|-----------------------------|
| Black & Red (shielded pair) |
| White |
| Green |

Inner Shield Material

| Type | Material | Material Trade Name | Coverage [%] | Drainwire Material | Drainwire AWG |
|------|------------------------------|---------------------|--------------|--------------------|---------------|
| Tape | Aluminum Foil-Polyester Tape | Beldfoil® | 100 % | TC - Tinned Copper | 22 |

Outer Shield Material

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

Outer Jacket Material

| Material | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.2 in | 0.015 in |

Electrical Characteristics

Conductor DCR

| Nominal Conductor DCR |
|-----------------------|
| 10.2 Ohm/1000ft |

Capacitance

| Nom. Capacitance Conductor to Conductor | Nom. Capacitance Conductor to Other Conductor to Shield |
|-----------------------------------------|---------------------------------------------------------|
| 56 pF/ft | 101 pF/ft |

| | |
|------------|---------------------------|
| Shielding: | Foil(s) or Copper Tape(s) |
|------------|---------------------------|

Inductance

| Nominal Inductance |
|--------------------|
|--------------------|

0.17 µH/ft

Current

Max. Recommended Current [A]

3 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: | 25 lbs/1000ft |
| Max Recommended Pulling Tension: | 56 lbs |
| Min Bend Radius/Minor Axis: | 2 in |
| Min Bend Radius/Installation: | 30 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 |
| CA Prop 65 (CJ for Wire & Cable): | Yes |
| 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 |
|---------------|----|

Part Number

Variants

| Item # | Color |
|-----------------|-------|
| 5402GE 001U1000 | Black |
| 5402GE 010U1000 | Black |
| 5402GE 008U1000 | Gray |

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