



Product: [5562FE](#)

Security & Sound, #22-3pr, BC, Shielded, CMR

Product Description

Security & Sound Cable, Riser-CMR, 3-22 AWG solid bare copper pairs with polyolefin insulation, Beldfoil® shield and PVC jacket with ripcord

Technical Specifications

Product Overview

| | |
|------------------------|--|
| Suitable Applications: | Security System, Intercom/PA, Audio/Speaker, Power-Limited Controls, Noisy Environment |
|------------------------|--|

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Pairs |
|-----|-----------|------------------|--------------|
| 22 | Solid | BC - Bare Copper | 3 |

| | |
|------------------|---|
| Conductor Count: | 6 |
|------------------|---|

Insulation

| Material |
|--------------------|
| PP - Polypropylene |

Color Chart

| Number | Color |
|--------|---------------|
| 1 | Black & Red |
| 2 | Black & White |
| 3 | Black & Green |

Outer Shield Material

| Material | Material Trade Name | Drainwire Material | Drainwire AWG | Drainwire Construction n x D |
|-------------------------|---------------------|--------------------|---------------|------------------------------|
| Bi-Laminate (Alum+Poly) | Beldfoil® | TC - Tinned Copper | 24 | 7x32 |

Outer Jacket Material

| Material | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.193 in | 0.017 in |

Electrical Characteristics

Conductor DCR

| Nominal Conductor DCR | Nominal Outer Shield DCR |
|-----------------------|--------------------------|
| 15.8 Ohm/1000ft | 13.9 Ohm/1000ft |

Capacitance

| Nom. Capacitance Conductor to Conductor | Nom. Capacitance Conductor to Other Conductor to Shield |
|---|---|
| 24 pF/ft | 44 pF/ft |

Current

| Max. Recommended Current [A] |
|------------------------------|
| 2 Amps per Conductor at 25°C |

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. Pull Tension: | 52 lbs |
| Min. Bend Radius/Minor Axis: | 2.1 in |

Standards

| | |
|-----------------------|-----|
| NEC/(UL) Compliance: | CMR |
| CEC/C(UL) Compliance: | 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 2): | Yes |
| EU Directive 2012/19/EU (WEEE): | Yes |
| EU Directive Compliance: | EU Directive 2003/11/EC (BFR) |
| EU CE Mark: | Yes |
| MII Order #39 (China RoHS): | Yes |

Flammability, LS0H, Toxicity Testing

| | |
|--------------------|--------------|
| UL Flammability: | UL1666 Riser |
| CSA Flammability: | FT4 |
| UL voltage rating: | 300 V RMS |

Plenum/Non-Plenum

| | |
|----------------|--------|
| Plenum (Y/N): | No |
| Plenum Number: | 6542FE |

Part Number

Variants

| Item # | Color | UPC |
|-----------------|-------|--------------|
| 5562FE 0081000 | Gray | 612825164456 |
| 5562FE 008U1000 | Gray | 612825164449 |

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.295 Revision Date: 08-27-2021 |
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