



Product: [5543PE](#)

Security & Sound, #22-4pr, BC, Individ. Foil, CMR

Product Description

Security & Sound Cable, Riser-CMR, 4-22 AWG stranded bare copper pairs with PVC insulation, Individually Beldfoil® shielded and PVC jacket with ripcord

Technical Specifications

Product Overview

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

Construction Details

Conductor

| Element | Number of Element | Size | Stranding | Material |
|---------|-------------------|--------|-----------|------------------|
| Pair(s) | 4 | 22 AWG | 7x30 | BC - Bare Copper |

Insulation

| Element | Material | Nom. Thickness | Nom. Insulation Diameter | Color Code |
|---------|--------------------------|--------------------|--------------------------|--|
| Pair(s) | PVC - Polyvinyl Chloride | 0.009 in (0.23 mm) | 0.002 in (0.051 mm) | Black/Red & Red, Black/White & White, Black/Green & Green, Black/Blue & Blue |

Inner Shield

| Shield Type | Material | Coverage | Drainwire Type |
|-------------|-------------------------|----------|------------------|
| Tape | Bi-Laminate (Alum+Poly) | 100% | 24 AWG (7x32) TC |

Outer Shield

| Material |
|-----------|
| No Shield |

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter | Ripcord |
|--------------------------|--------------------|---------------|---------|
| PVC - Polyvinyl Chloride | 0.033 in (0.84 mm) | 0.303 in | Yes |

| | |
|-----------------------------------|----------|
| Overall Cable Diameter (Nominal): | 0.303 in |
|-----------------------------------|----------|

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Nom. Inner Shield DCR | Nom. Capacitance Cond-to-Cond | Nom. Capacitance Cond-to-Other (Conds + Shield) | Max. Current |
|--------------------|---------------------------------|-------------------------------|---|--------------------------------|
| 17.6 Ohm/1000ft | 19.44 Ohm/1000ft (63.78 Ohm/km) | 50 pF/ft (160 pF/m) | 90 pF/ft (300 pF/m) | 4.2 Amps per Conductor at 30°C |

Voltage

| UL Voltage Rating |
|-------------------|
| 300 V |

Mechanical Characteristics

Temperature

| UL Temperature | Operating |
|----------------|----------------|
| 75°C | -20°C to +75°C |

Bend Radius

| Stationary Min. | Installation Min. |
|-------------------|-------------------|
| 3.03 in (77.0 mm) | 3.03 in |

| | |
|--------------------|--------------------|
| Max. Pull Tension: | 78.3 lbs (35.5 kg) |
| Bulk Cable Weight: | 49 lbs/1000ft |

Standards and Compliance

| | |
|----------------------------------|----------------------------------|
| Environmental Suitability: | Indoor - Riser, Indoor |
| Flammability / Reaction to Fire: | UL1666 Riser, FT4, IEEE 1202 FT4 |
| NEC / UL Compliance: | Article 800, CMR |
| CEC / C(UL) Compliance: | CMG |
| European Directive Compliance: | EU CE Mark |

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.297 Revision Date: 05-05-2023 |
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Part Numbers

Variants

| Item # | Color | UPC |
|----------------|-------|--------------|
| 5543PE 0081000 | Gray | 612825164371 |

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