



Product: [5343FE](#)

Security & Sound, #18-4pr, BC, Shielded, CMR

Product Description

Security & Sound Cable, Riser-CMR, 4-18 AWG stranded 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 |
|------------------------|--|

Construction Details

Conductor

| Element | No. of Elements | Size | Stranding | Material |
|---------|-----------------|------|-----------|------------------|
| Pair(s) | 4 | 18 | 7x26 | BC - Bare Copper |

Insulation

| Material | Nom. Thickness | Nom. Insulation Diameter | Color Code |
|--------------------|---------------------|--------------------------|---|
| PP - Polypropylene | 0.0085 in (0.22 mm) | 0.062 in (1.6 mm) | Black & Red, Black & White, Black & Green, Black & Blue |

Outer Shield

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

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter | Ripcord |
|--------------------------|--------------------|--------------------|---------|
| PVC - Polyvinyl Chloride | 0.018 in (0.46 mm) | 0.309 in (7.85 mm) | Yes |

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Nom. Capacitance Cond-to-Other (Conds + Shield) | Max. Current |
|--------------------|-------------------------------|---|--------------------------------|
| 6.93 Ohm/1000ft | 29 pF/ft (95 pF/m) | 52.4 pF/ft (172 pF/m) | 3.5 Amps per Conductor at 25°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. |
|-------------------|-------------------|
| 3.09 in (78.5 mm) | 3.09 in (78.5 mm) |

| | |
|--------------------|----------------------|
| Max. Pull Tension: | 184.7 lbs (83.78 kg) |
|--------------------|----------------------|

| | |
|--------------------|---------------|
| Bulk Cable Weight: | 61 lbs/1000ft |
|--------------------|---------------|

Standards and Compliance

| | |
|----------------------------------|--|
| Flammability / Reaction to Fire: | UL 1666 riser, FT4, IEC 60332-1-2 |
| CPR Compliance: | CPR Euroclass: Eca |
| NEC / UL Compliance: | Article 800, CMR |
| CEC / C(UL) Compliance: | CMG |
| European Directive Compliance: | EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |
| UK Regulation Compliance: | UKCA Mark |
| APAC Compliance: | China RoHS II (GB/T 26572-2011) |
| Plenum Number: | 6343FE |

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.424 Revision Date: 02-03-2025 |
|----------------------|--|

Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC/EAN | Footnote |
|----------------|--------|------------|--------|---------------|----------|
| 5343FE.00305 | Chrome | Reel | 305 m | 8719605008473 | |
| 5343FE 0081000 | Gray | | | 612825161288 | C |

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