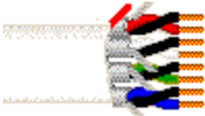




Product: [6343PC](#)



Security & Sound, 4 Pair 18 AWG BC, Individually Shielded, Plenum

Product Description

Security, Pro Audio & Intercom Cable, 4 Pair 18 AWG stranded (7x26) bare copper pairs with FEP insulation, Individually Beldfoil® shielded, Plenum, Flamarrest® jacket.

Technical Specifications

Construction Details

Conductor

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

Insulation

| Element | Material                             | Nom. Thickness    | Nom. Insulation Diameter | Color Code                                              |
|---------|--------------------------------------|-------------------|--------------------------|---------------------------------------------------------|
| Pair(s) | FEP - Fluorinated Ethylene Propylene | 0.01 in (0.25 mm) | 0.066 in (1.7 mm)        | Black & Red, Black & White, Black & Green, Black & 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 | 0.0165 in (0.419 mm) | 0.332 in      | Yes     |

|                                   |          |
|-----------------------------------|----------|
| Overall Cable Diameter (Nominal): | 0.332 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                   |
|--------------------|-------------------------------|-------------------------------|-------------------------------------------------|--------------------------------|
| 6.93 Ohm/1000ft    | 14.4 Ohm/1000ft (47.2 Ohm/km) | 44 pF/ft (140 pF/m)           | 79.2 pF/ft (260 pF/m)                           | 9.8 Amps per Conductor at 30°C |

Voltage

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

Mechanical Characteristics

Temperature

| UL Temperature | Operating    |
|----------------|--------------|
| 75°C           | 0°C to +75°C |

Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
|-----------------|-------------------|

|                   |         |
|-------------------|---------|
| 3.32 in (84.3 mm) | 3.32 in |
|-------------------|---------|

|                    |                      |
|--------------------|----------------------|
| Max. Pull Tension: | 184.7 lbs (83.78 kg) |
| Bulk Cable Weight: | 75 lbs/1000ft        |

Standards and Compliance

|                                  |                                                                              |
|----------------------------------|------------------------------------------------------------------------------|
| Environmental Suitability:       | Indoor - Plenum, Indoor                                                      |
| Flammability / Reaction to Fire: | NFPA 262 (UL 910), FT6                                                       |
| NEC / UL Compliance:             | Article 800, CMP                                                             |
| CEC / C(UL) Compliance:          | CMP                                                                          |
| European Directive Compliance:   | EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |
| APAC Compliance:                 | China RoHS II (GB/T 26572-2011)                                              |

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.378 Revision Date: 12-20-2022 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item #         | Color   | Putup Type | Length   | UPC          | Footnote |
|----------------|---------|------------|----------|--------------|----------|
| 6343PC 8771000 | Natural | Reel       | 1,000 ft | 612825176411 | C        |

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