
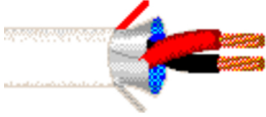


Product: [6200FE](#) 



Security & Sound, 2 Conductor 16 AWG BC, Shielded, CMP

Product Description

Security & Commercial Audio Cable, 2 Conductor 16 AWG stranded (19x29) bare copper conductors with Flamarrest® insulation, Beldfoil® shield, Plenum-CMP, Flamarrest® jacket with ripcord

Technical Specifications

Product Overview

| | |
|------------------------|--|
| Suitable Applications: | Security Systems, Intercom/PA Systems, Sound/Audio Systems, Power Limited Controls |
|------------------------|--|

Construction Details

Conductor

| Element | Number of Element | AWG | Stranding | Material |
|--------------|-------------------|-----|-----------|------------------|
| Conductor(s) | 2 | 16 | 19x29 | BC - Bare Copper |

Insulation

| Element | Material | Thickness [in.] | Color Code |
|--------------|---|-----------------|------------|
| Conductor(s) | PVC-LS - Polyvinyl Chloride (Low Smoke) | 0.009 | Black, Red |

Outer Shield Material

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

Outer Jacket Material

| Material | Thickness | Nom. Diameter | Ripcord |
|---|-----------|---------------|---------|
| PVC-LS - Polyvinyl Chloride (Low Smoke) | 0.015 in | 0.184 in | Yes |

| | |
|---------------------------|----------|
| Cable Diameter (Nominal): | 0.184 in |
|---------------------------|----------|

Electrical Characteristics

Electricals

| Element | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Nom. Capacitance Cond-to-Other (Conds + Shield) | Max. Current |
|-----------------------|--------------------|-------------------------------|---|--------------------------------|
| Conductor(s) | 4 Ohm/1000ft | 81.5 pF/ft | 146.7 pF/ft | 6.25 Amps per conductor @ 25°C |
| Nom Outer Shield DCR: | 15.9 Ohm/1000ft | | | |

Voltage

| UL Voltage Rating |
|-------------------|
| 300 V (CMP) |

Mechanical Characteristics

Temperature

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

Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 2.0 in | 1.8 in |

| | |
|--------------------|---------------|
| Max. Pull Tension: | 86 lbs |
| Bulk Cable Weight: | 31 lbs/1000ft |

Standards and Compliance

| | |
|---------------------------------|---|
| Environmental Suitability: | Indoor - Plenum, Indoor |
| Flammability / Fire Resistance: | NFPA 262, UL 910 (Plenum), FT6, IEC 60332-1-2 |
| NEC / UL Compliance: | Article 800, CMP |
| CEC / C(UL) Compliance: | CMP |
| CPR Euroclass: | Eca |
| European Directive Compliance: | EU CE Mark, EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE) |
| APAC Compliance: | China RoHS II (GB/T 26572-2011) |
| Non-Plenum Number: | 5200FH |

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.333 Revision Date: 07-31-2020 |
|----------------------|--|

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