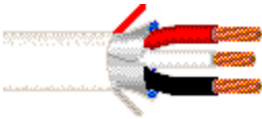


Product: [6101FE](#) 



Security & Sound, 3 Conductor 14 AWG BC, Shielded, Plenum

Product Description

Security & Commercial Audio Cable, 3 Conductor 14 AWG stranded (19x27) bare copper conductors with Flamarrest® insulation, Beldfoil® shield, Plenum, Flamarrest® jacket with ripcord.

Technical Specifications

Product Overview

|                        |                                          |
|------------------------|------------------------------------------|
| Suitable Applications: | Intercom/PA Systems, Sound/Audio Systems |
|------------------------|------------------------------------------|

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material         | No. of Conductors |
|-----|-----------|------------------|-------------------|
| 14  | 19x27     | BC - Bare Copper | 3                 |

|                  |   |
|------------------|---|
| Conductor Count: | 3 |
|------------------|---|

Insulation

| Material                 | Material Trade Name | Nominal Wall Thickness |
|--------------------------|---------------------|------------------------|
| PVC - Polyvinyl Chloride | Flamarrest®         | 0.011 in               |

Color Chart

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

Outer Shield

| Type | Material                | Material Trade Name | Coverage [%] | Drainwire Material | Drainwire AWG | Drainwire Construction n x D |
|------|-------------------------|---------------------|--------------|--------------------|---------------|------------------------------|
| Tape | Bi-Laminate (Alum+Poly) | Beldfoil®           | 100%         | TC - Tinned Copper | 16            | Solid                        |

Outer Jacket

| Material                 | Material Trade Name | Nominal Diameter | Nominal Wall Thickness | Ripcord |
|--------------------------|---------------------|------------------|------------------------|---------|
| PVC - Polyvinyl Chloride | Flamarrest®         | 0.234 in         | 0.015 in               | Yes     |

Construction and Dimensions

Cabling

| Twists       |
|--------------|
| 3.7 twist/ft |

Electrical Characteristics

Conductor DCR

| Nominal Conductor DCR | Nominal Outer Shield DCR |
|-----------------------|--------------------------|
| 2.54 Ohm/1000ft       | 11.2 Ohm/1000ft          |

Capacitance

| Nom. Capacitance Conductor to Conductor | Nom. Capacitance Conductor to Other Conductor to Shield |
|-----------------------------------------|---------------------------------------------------------|
| 85 pF/ft                                | 153 pF/ft                                               |

Current

| Element              | Max. Recommended Current [A] |
|----------------------|------------------------------|
| 10C Temperature Rise | 8 Amps per Conductor at 25°C |

Voltage

| UL Description | UL Voltage Rating |
|----------------|-------------------|
| UL type CL2P   | 150 V             |

Temperature Range

|                 |      |
|-----------------|------|
| UL Temp Rating: | 75°C |
|-----------------|------|

Mechanical Characteristics

|                              |                 |
|------------------------------|-----------------|
| Bulk Cable Weight:           | 56.5 lbs/1000ft |
| Max. Pull Tension:           | 172.9 lbs       |
| Min. Bend Radius/Minor Axis: | 2.4 in          |

Standards

|                      |             |
|----------------------|-------------|
| NEC Articles:        | Article 725 |
| NEC/(UL) Compliance: | CL2P        |

Applicable Environmental and Other Programs

|                                   |                               |
|-----------------------------------|-------------------------------|
| Environmental Space:              | Indoor - Plenum               |
| 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                           |

Suitability

|                       |     |
|-----------------------|-----|
| Suitability - Indoor: | Yes |
|-----------------------|-----|

Flammability, LS0H, Toxicity Testing

|                    |           |
|--------------------|-----------|
| UL Flammability:   | NFPA 262  |
| UL voltage rating: | 150 V RMS |

Plenum/Non-Plenum

|               |     |
|---------------|-----|
| Plenum (Y/N): | Yes |
|---------------|-----|

Part Number

|                    |        |
|--------------------|--------|
| Non-Plenum Number: | 5101FE |
|--------------------|--------|

Variants

| Item #         | Color   | Put-Up Type | Length   | UPC          |
|----------------|---------|-------------|----------|--------------|
| 6101FE 8771000 | Natural | Reel        | 1,000 ft | 612825173557 |

|           |                        |
|-----------|------------------------|
| Footnote: | C - CRATE REEL PUT-UP. |
|-----------|------------------------|

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.361 Revision Date: 08-27-2021 |
|----------------------|--------------------------------------------------|

Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.