



Product: [6202FE](#)

Security & Sound, 4 Conductor 16 AWG, BC, Shielded, CMP

Product Description

Security & Commercial Audio Cable, Plenum-CMP, 4-16 AWG stranded bare copper conductors with Flamarrest® insulation, Beldfoil® shield and 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      | No. of Elements | Size   | Stranding | Material         |
| Conductor(s) | 4               | 16 AWG | 19x29     | BC - Bare Copper |

| Insulation   |                          |                    |                          |                          |
|--------------|--------------------------|--------------------|--------------------------|--------------------------|
| Element      | Material                 | Nom. Thickness     | Nom. Insulation Diameter | Color Code               |
| Conductor(s) | PVC - Polyvinyl Chloride | 0.009 in (0.23 mm) | 0.075 in (1.9 mm)        | Black, Red, White, Green |

| 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          | 0.015 in (0.38 mm) | 0.215 in (5.46 mm) | Yes     |
| Overall Cable Diameter (Nominal): |                    | 0.215 in (5.46 mm) |         |

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       | 45 pF/ft (150 pF/m)           | 81 pF/ft (270 pF/m)                             | 14.4 Amps per conductor @ 25°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. |
| 2.2 in (56 mm)  | 2.2 in (56 mm)    |

|                    |                   |
|--------------------|-------------------|
| Max. Pull Tension: | 165 lbs (74.8 kg) |
| Bulk Cable Weight: | 46 lbs/1000ft     |

Standards and Compliance

|                                  |                                                                              |
|----------------------------------|------------------------------------------------------------------------------|
| Environmental Suitability:       | Indoor - Plenum, Indoor                                                      |
| Flammability / Reaction to Fire: | NFPA 262, UL 910 (Plenum), FT6, IEC 60332-1-2                                |
| CPR Compliance:                  | CPR Euroclass: Eca                                                           |
| 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) |
| UK Regulation Compliance:        | UKCA Mark                                                                    |
| APAC Compliance:                 | China RoHS II (GB/T 26572-2011)                                              |
| Non-Plenum Number:               | 5202FE                                                                       |

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.508 Revision Date: 04-13-2023 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item #          | Color   | Putup Type   | Length   | UPC          | Footnote |
|-----------------|---------|--------------|----------|--------------|----------|
| 6202FE 8771000  | Natural | Reel         | 1,000 ft | 612825428954 | C        |
| 6202FE 877Z1000 | Natural | ReelTuff Box | 1,000 ft | 612825174271 |          |

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