



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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