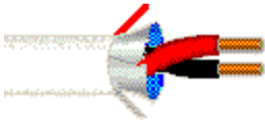




Product: [6520FE](#)



Security & Sound, 2 Conductor 22 AWG BC, Shielded, Plenum

Product Description

Security & Commercial Audio Cable, 2 Conductor 22 AWG solid bare copper conductors with Flamarrest® insulation, Beldfoil® shield, Plenum, Flamarrest® jacket with ripcord.

Technical Specifications

Product Overview

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

Construction Details

Conductor

| Element | No. of Elements | Size | Stranding | Material |
|--------------|-----------------|--------|-----------|------------------|
| Conductor(s) | 2 | 22 AWG | Solid | BC - Bare Copper |

Insulation

| Element | Material | Nom. Thickness | Nom. Insulation Diameter | Color Code |
|--------------|--------------------------|--------------------|--------------------------|------------|
| Conductor(s) | PVC - Polyvinyl Chloride | 0.010 in (0.25 mm) | 0.046 in (1.2 mm) | Black, Red |

Outer Shield

| Shield Type | Material | Coverage | Drainwire Type |
|-------------|-------------------------|----------|-------------------|
| Tape | Bi-Laminate (Alum+Poly) | 100% | 22 AWG (Solid) TC |

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter | Ripcord |
|--------------------------|--------------------|---------------|---------|
| PVC - Polyvinyl Chloride | 0.015 in (0.38 mm) | 0.122 in | Yes |

| | |
|-----------------------------------|----------|
| Overall Cable Diameter (Nominal): | 0.122 in |
|-----------------------------------|----------|

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Nom. Capacitance Cond-to-Other (Conds + Shield) | Max. Current |
|--------------------|-------------------------------|---|--------------------------------|
| 17.9 Ohm/1000ft | 51 pF/ft (170 pF/m) | 91.8 pF/ft (301 pF/m) | 2.8 Amps per Conductor at 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. |
|---------------------|-------------------|
| 1.240 in (31.50 mm) | 1.22 in |

| | |
|--------------------|--------------------|
| Max. Pull Tension: | 23.4 lbs (10.6 kg) |
| Bulk Cable Weight: | 11 lbs/1000ft |

Standards and Compliance

| | |
|----------------------------------|--|
| Environmental Suitability: | Indoor - Plenum, Indoor |
| Flammability / Reaction to Fire: | NFPA 262 (UL910), 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) |
| Non-Plenum Number: | 5520FE |

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.371 Revision Date: 05-05-2023 |
|----------------------|--|

Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC |
|-----------------|---------|--------------|----------|--------------|
| 6520FE 8771000 | Natural | Reel | 1,000 ft | 612825178088 |
| 6520FE 877C1000 | Natural | Coil | 1,000 ft | 612825178095 |
| 6520FE 877U1000 | Natural | UnReel | 1,000 ft | 612825426288 |
| 6520FE 877Z1000 | Natural | ReelTuff Box | 1,000 ft | 612825178118 |

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