



Product: [6200UE](#)

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

Product Description

Security & Commercial Audio Cable, Plenum-CMP, 2-16 AWG stranded bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

Technical Specifications

Product Overview

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

Construction Details

Conductor

| Element | No. of Elements | Size | Stranding | Material |
|--------------|-----------------|--------|-----------|------------------|
| Conductor(s) | 2 | 16 AWG | 19x29 | BC - Bare Copper |

Insulation

| Element | Material | Nom. Thickness | Nom. Insulation Diameter | Color Code |
|--------------|--------------------------|--------------------|--------------------------|------------|
| Conductor(s) | PVC - Polyvinyl Chloride | 0.008 in (0.20 mm) | 0.073 in (1.9 mm) | Black, Red |

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter | Ripcord |
|--------------------------|--------------------|--------------------|---------|
| PVC - Polyvinyl Chloride | 0.015 in (0.38 mm) | 0.176 in (4.47 mm) | Yes |

| | |
|-----------------------------------|--------------------|
| Overall Cable Diameter (Nominal): | 0.176 in (4.47 mm) |
|-----------------------------------|--------------------|

Electrical Characteristics

Electricals

| Element | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current |
|--------------|--------------------|-------------------------------|------------------------------|
| Conductor(s) | 3.8 Ohm/1000ft | 36.5 pF/ft (120 pF/m) | 18 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. |
|-----------------|-------------------|
| 1.8 in (46 mm) | 1.8 in (46 mm) |

| | |
|--------------------|----------------|
| Max. Pull Tension: | 80 lbs (36 kg) |
| Bulk Cable Weight: | 23 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 2015/863/EU (RoHS 2 amendment), 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: | 5200UH |

History

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| Update and Revision: | Revision Number: 0.497 Revision Date: 04-13-2023 |
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Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC | Footnote |
|-----------------|-------------|--------------|----------|--------------|----------|
| 6200UE 010U250 | Black | UnReel | 250 ft | 612825340126 | |
| 6200UE 010U500 | Black | UnReel | 500 ft | 612825421689 | |
| 6200UE 010Z500 | Black | ReelTuff Box | 500 ft | 612825426202 | |
| 6200UE 0101000 | Black | Reel | 1,000 ft | 612825174035 | |
| 6200UE 010U1000 | Black | UnReel | 1,000 ft | 612825174042 | |
| 6200UE 010Z1000 | Black | ReelTuff Box | 1,000 ft | 612825435310 | |
| 6200UE D151000 | Blue | Reel | 1,000 ft | 612825421672 | |
| 6200UE D15Z1000 | Blue | ReelTuff Box | 1,000 ft | 612825174080 | |
| 6200UE 008U1000 | Gray | UnReel | 1,000 ft | 612825421641 | |
| 6200UE 008Z1000 | Gray | ReelTuff Box | 1,000 ft | 612825351078 | |
| 6200UE 005Z1000 | Green | ReelTuff Box | 1,000 ft | 612825173984 | |
| 6200UE 0051000 | Green, Dark | Reel | 1,000 ft | 612825421627 | |
| 6200UE 877U250 | Natural | UnReel | 250 ft | 612825421665 | |
| 6200UE 877500 | Natural | Reel | 500 ft | 612825340133 | |
| 6200UE 8771000 | Natural | Reel | 1,000 ft | 612825174073 | C |
| 6200UE 877U1000 | Natural | UnReel | 1,000 ft | 612825174066 | |
| 6200UE 877Z1000 | Natural | ReelTuff Box | 1,000 ft | 612825351030 | |
| 6200UE 0031000 | Orange | Reel | 1,000 ft | 612825421603 | |
| 6200UE 003Z1000 | Orange | ReelTuff Box | 1,000 ft | 612825173977 | |
| 6200UE 012Z1000 | Pink | ReelTuff Box | 1,000 ft | 612825340140 | |
| 6200UE 0021000 | Red | Reel | 1,000 ft | 612825421597 | |
| 6200UE 002Z1000 | Red | ReelTuff Box | 1,000 ft | 612825351054 | |
| 6200UE 0071000 | Violet | Reel | 1,000 ft | 612825421634 | |
| 6200UE 007Z1000 | Violet | ReelTuff Box | 1,000 ft | 612825173991 | |
| 6200UE 009U250 | White | UnReel | 250 ft | 612825174028 | |
| 6200UE 009Z250 | White | ReelTuff Box | 250 ft | 612825439332 | |
| 6200UE 009U500 | White | UnReel | 500 ft | 612825421658 | |
| 6200UE 009Z500 | White | ReelTuff Box | 500 ft | 612825439349 | |
| 6200UE 009Z750 | White | ReelTuff Box | 750 ft | 612825174059 | |
| 6200UE 009U1000 | White | UnReel | 1,000 ft | 612825174011 | |
| 6200UE 0091000 | White | Reel | 1,000 ft | 612825174004 | |
| 6200UE 009Z1000 | White | ReelTuff Box | 1,000 ft | 612825439325 | |
| 6200UE 0041000 | Yellow | Reel | 1,000 ft | 612825421610 | |
| 6200UE 004Z1000 | Yellow | ReelTuff Box | 1,000 ft | 612825351061 | |

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