



Product: [5200UE](#)

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

Product Description

Security & Commercial Audio Cable, Riser-CMR, 2-16 AWG stranded bare copper conductors with polypropylene insulation, PVC jacket with ripcord

Technical Specifications

Product Overview

| | |
|------------------------|--|
| Suitable Applications: | Data Circuits, Monitor/Detection, Control Circuits, Initiating Circuits, Notification Circuits |
|------------------------|--|

Construction Details

Conductor

| Element | Number of Element | Size | Stranding | Material |
|--------------|-------------------|--------|-----------|------------------|
| Conductor(s) | 2 | 16 AWG | 19x29 | BC - Bare Copper |

Insulation

| Element | Material | Nom. Thickness | Color Code |
|--------------|--------------------|--------------------|------------|
| Conductor(s) | PP - Polypropylene | 0.008 in (0.20 mm) | Black, Red |

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter | Ripcord |
|--------------------------|--------------------|--------------------|---------|
| PVC - Polyvinyl Chloride | 0.017 in (0.43 mm) | 0.180 in (4.57 mm) | Yes |

| | |
|-----------------------------------|--------------------|
| Overall Cable Diameter (Nominal): | 0.180 in (4.57 mm) |
|-----------------------------------|--------------------|

Electrical Characteristics

Electricals

| Element | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current |
|--------------|----------------------------|-------------------------------|--------------------------------|
| Conductor(s) | 4.2 Ohm/1000ft (14 Ohm/km) | 23 pF/ft (75 pF/m) | 6.25 Amps per conductor @ 25°C |

Voltage

| UL Voltage Rating |
|-------------------|
| 300 V (CMR) |

Mechanical Characteristics

Temperature

| UL Temperature | Operating |
|----------------|----------------|
| 75°C | -20°C to +75°C |

Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 1.8 in (46 mm) | 1.8 in (46 mm) |

| | |
|--------------------|--------------------------|
| Max. Pull Tension: | 59 lbs (27 kg) |
| Bulk Cable Weight: | 24 lbs/1000ft (36 kg/km) |

Standards and Compliance

| | |
|----------------------------------|---|
| Environmental Suitability: | Indoor - Riser, Indoor |
| Flammability / Reaction to Fire: | UL1666 Riser, FT4, IEC 60332-1-2 |
| CPR Compliance: | CPR Euroclass: Eca; CPR UKCA Class: Eca |
| NEC / UL Compliance: | Article 800, CMR |
| CEC / C(UL) Compliance: | CMG |
| 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) |
| Plenum Number: | 6200UH |

History

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| Update and Revision: | Revision Number: 0.359 Revision Date: 01-04-2023 |
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Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC/EAN |
|-----------------|-------------|--------------|----------|---------------|
| 5200UE 0101000 | Black | Reel | 1,000 ft | 612825157458 |
| 5200UE 010U1000 | Black | UnReel | 1,000 ft | 612825421146 |
| 5200UE 010Z1000 | Black | ReelTuff Box | 1,000 ft | 612825157496 |
| 5200UE 0061000 | Blue, Light | Reel | 1,000 ft | 612825350187 |
| 5200UE 001U1000 | Brown | UnReel | 1,000 ft | 612825421108 |
| 5200UE 001Z1000 | Brown | ReelTuff Box | 1,000 ft | 612825157403 |
| 5200UE 0011000 | Brown | Reel | 1,000 ft | |
| 5200UE.00152 | Chrome | Reel | 152 m | 8719605008008 |
| 5200UE.00305 | Chrome | Reel | 305 m | 8719605008015 |
| 5200UE 008500 | Gray | Reel | 500 ft | 612825157410 |
| 5200UE 008U500 | Gray | UnReel | 500 ft | 612825421122 |
| 5200UE 0081000 | Gray | Reel | 1,000 ft | 612825157434 |
| 5200UE 008U1000 | Gray | UnReel | 1,000 ft | 612825157427 |
| 5200UE 008Z1000 | Gray | ReelTuff Box | 1,000 ft | 612825350194 |
| 5200UE 0051000 | Green, Dark | Reel | 1,000 ft | 612825350170 |
| 5200UE 0031000 | Orange | Reel | 1,000 ft | 612825350156 |
| 5200UE 0021000 | Red | Reel | 1,000 ft | 612825421115 |
| 5200UE 002Z1000 | Red | ReelTuff Box | 1,000 ft | 612825350149 |
| 5200UE 0071000 | Violet | Reel | 1,000 ft | 612825336532 |
| 5200UE 009U1000 | White | UnReel | 1,000 ft | 612825421139 |
| 5200UE 0091000 | White | Reel | 1,000 ft | 612825157441 |
| 5200UE 009Z1000 | White | ReelTuff Box | 1,000 ft | 612825157465 |
| 5200UE 0041000 | Yellow | Reel | 1,000 ft | 612825350163 |

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