



REPRESENTATIVE IMAGE

Product: [5200UP](#)

Audio Cable, 2 Conductor 16 AWG, BC, Unshielded, CM

Product Description

Commercial Audio Cable, Rated-CM, 2-16 AWG highly flexible stranded bare copper conductors with PVC insulation, PVC jacket with ripcord

Technical Specifications

Product Overview

| | |
|------------------------|---|
| Suitable Applications: | Security System, Intercom/PA, Audio/Speaker, Power-Limited Controls |
|------------------------|---|

Construction Details

Conductor

| Element | Number of Element | Size | Stranding | Material |
|--------------|-------------------|--------|-----------|------------------|
| Conductor(s) | 2 | 16 AWG | 65x34 | BC - Bare Copper |

Insulation

| Element | Material | Nom. Thickness | Color Code |
|--------------|--------------------------|--------------------|--------------|
| Conductor(s) | PVC - Polyvinyl Chloride | 0.015 in (0.38 mm) | Black, White |

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter | Ripcord |
|--------------------------|--------------------|--------------------|---------|
| PVC - Polyvinyl Chloride | 0.015 in (0.38 mm) | 0.218 in (5.54 mm) | Yes |

| | |
|-----------------------------------|--------------------|
| Overall Cable Diameter (Nominal): | 0.218 in (5.54 mm) |
|-----------------------------------|--------------------|

Electrical Characteristics

Electricals

| Element | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current |
|--------------|-------------------------------|-------------------------------|--------------------------------|
| Conductor(s) | 4.05 Ohm/1000ft (13.3 Ohm/km) | 30 pF/ft (98 pF/m) | 15.7 Amps per conductor @ 25°C |

Voltage

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

Mechanical Characteristics

Temperature

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

Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 2.2 in (56 mm) | 2.2 in (56 mm) |

| | |
|--------------------|--------------------------|
| Max. Pull Tension: | 65 lbs (29 kg) |
| Bulk Cable Weight: | 26 lbs/1000ft (39 kg/km) |

Standards and Compliance

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|----------------------------------|--|
| Environmental Suitability: | Indoor (Not Riser or Plenum), Indoor |
| Flammability / Reaction to Fire: | UL1685 (UL Loading), IEC 60332-1-2 |
| CPR Compliance: | CPR Euroclass: Eca |
| NEC / UL Compliance: | Article 800, CM |
| 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) |

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.335 Revision Date: 02-08-2022 |
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Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC |
|-----------------|-------------|--------------|----------|--------------|
| 5200UP 010500 | Black | Reel | 500 ft | 612825157670 |
| 5200UP 010U500 | Black | UnReel | 500 ft | 612825421436 |
| 5200UP 0101000 | Black | Reel | 1,000 ft | 612825157694 |
| 5200UP 010U1000 | Black | UnReel | 1,000 ft | 612825157687 |
| 5200UP 010Z1000 | Black | ReelTuff Box | 1,000 ft | 612825157571 |
| 5200UP D15500 | Blue | Reel | 500 ft | 612825157557 |
| 5200UP D15U500 | Blue | UnReel | 500 ft | 612825421405 |
| 5200UP D151000 | Blue | Reel | 1,000 ft | 612825157588 |
| 5200UP D15U1000 | Blue | UnReel | 1,000 ft | 612825157564 |
| 5200UP D15Z1000 | Blue | ReelTuff Box | 1,000 ft | 612825157755 |
| 5200UP 008U500 | Gray | UnReel | 500 ft | 612825421412 |
| 5200UP 0081000 | Gray | Reel | 1,000 ft | 612825157618 |
| 5200UP 008U1000 | Gray | UnReel | 1,000 ft | 612825157625 |
| 5200UP 008Z1000 | Gray | ReelTuff Box | 1,000 ft | 612825157663 |
| 5200UP 005500 | Green, Dark | Reel | 500 ft | 612825359074 |
| 5200UP 005U500 | Green, Dark | UnReel | 500 ft | 612825157632 |
| 5200UP 0051000 | Green, Dark | Reel | 1,000 ft | 612825157601 |
| 5200UP 009U500 | White | UnReel | 500 ft | 612825421429 |
| 5200UP 0091000 | White | Reel | 1,000 ft | 612825157649 |
| 5200UP 009U1000 | White | UnReel | 1,000 ft | 612825157656 |
| 5200UP 009Z1000 | White | ReelTuff Box | 1,000 ft | 612825336549 |

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