

Part Number: 1308A

Speaker Cable, 4 Conductor 16 AWG, BC, Unshielded, CM



Product Description

Speaker Cable, CL3 & CM-Rated, 4-16 AWG stranded high conductivity bare copper conductors with polyolefin insulation, PVC jacket with sequential footage marking every two feet

Technical Specifications

Product Overview

| | |
|------------------------|--|
| Environmental Space: | Indoor (Not Riser or Plenum) |
| Suitable Applications: | Intercom/PA Systems, Sound/Audio Systems |

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | Nominal Diameter | No. of Conductors |
|------------------|-----------|------------------------------------|------------------|-------------------|
| 16 | 65x34 | High Conductivity BC - Bare Copper | 0.058 in | 4 |
| Conductor Count: | | 2 | | |
| Conductor Size: | | 16 AWG | | |

Insulation

| Material | Nominal Diameter |
|-----------------|------------------|
| PO - Polyolefin | 0.083 in |

Color Chart

| Number | Color |
|--------|-------|
| 1 | Black |
| 2 | Red |
| 3 | White |
| 4 | Green |

Outer Shield Material

| Material |
|------------|
| Unshielded |

Outer Jacket Material

| Material | Nominal Diameter |
|--------------------------|------------------|
| PVC - Polyvinyl Chloride | 0.27 in |

Electrical Characteristics

Conductor DCR

| Nominal Conductor DCR |
|-----------------------|
| 4 Ohm/1000ft |

Capacitance

| Nom. Capacitance Conductor to Conductor | |
|---|------------|
| 19.9 pF/ft | |
| Shielding: | Unshielded |

Inductance

Nominal Inductance

0.16 µH/ft

Delay**Nominal Velocity of Propagation (VP) [%]**

66 %

Current**Max. Recommended Current [A]**

9 Amps per conductor @ 25°C

Voltage**UL Voltage Rating**

300V RMS

Temperature Range

Operating Temp Range: -20°C To +75°C

Mechanical Characteristics

Bulk Cable Weight: 50 lbs/1000ft

Max Recommended Pulling Tension: 130 lbs

Min Bend Radius/Minor Axis: 2.75 in

Standards

NEC/(UL) Specification: CL3, CM

CEC/C(UL) Specification: CM

CPR Euroclass: Eca

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2003/96/EC (BFR): Yes

EU Directive 2011/65/EU (ROHS II): Yes

EU Directive 2012/19/EU (WEEE): Yes

EU Directive 2015/863/EU: Yes

EU Directive Compliance: EU Directive 2003/11/EC (BFR)

EU RoHS Compliance Date (yyyy-mm-dd): 2005-07-01

CA Prop 65 (CJ for Wire & Cable): Yes

MII Order #39 (China RoHS): Yes

Suitability

Suitability - Indoor: Yes

Suitability - Outdoor: Yes

Flammability, LS0H, Toxicity Testing

UL Flammability: UL1581 Vertical Flame and FT-1 Flame Test

CSA Flammability: FT1

UL Voltage Rating: 300 V RMS

Plenum/Non-Plenum

Plenum (Y/N): No

Plenum Number: 6202UE

Part Number**Variants**

| Item # | Color | Footnote |
|---------------|-------------|----------|
| 1308A 0101000 | BLACK | |
| 1308A 010U500 | BLACK | |
| 1308A 006U500 | BLUE, LIGHT | |
| 1308A 0081000 | GRAY | C |
| 1308A 008U500 | GRAY | |

| | | |
|---------------|------------|---|
| 1308A 009X | GRAY | |
| 1308A N3UU500 | GREEN, MIL | |
| 1308A 1SL1000 | WHITE 1SL | C |
| 1308A 1SLU500 | WHITE 1SL | |

| | |
|-----------|------------------------|
| Footnote: | C - CRATE REEL PUT-UP. |
|-----------|------------------------|

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