



Description:

14 AWG stranded (105x34) high-conductivity bare copper OFC conductors, PO insulation, conductors cabled, PVC jacket. Sequential footage marking every two feet.

Usage (Overall)

Suitable Applications: Speaker Cable, Direct Burial, Indoor/Outdoor Home Theater, In-Wall Speaker, Outdoor Speaker

Physical Characteristics (Overall)

Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material | Dia. (in.) |
|--------------|-----|-----------|------------------------------------|------------|
| 4 | 14 | 105x34 | High Conductivity BC - Bare Copper | .074 |

Insulation

Insulation Material:

| Insulation Material | Dia. (in.) |
|---------------------|------------|
| PO - Polyolefin | .105 |

Outer Shield

Outer Shield Material:

| Outer Shield Material |
|-----------------------|
| Unshielded |

Outer Jacket

Outer Jacket Material:

| Outer Jacket Material |
|--------------------------|
| PVC - Polyvinyl Chloride |

Overall Cabling

Overall Cabling Color Code Chart:

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

Overall Nominal Diameter: 0.319 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +75°C

UL Temperature Rating: 75°C

Bulk Cable Weight: 76.700 lbs/1000 ft.

Max. Recommended Pulling Tension: 208 lbs.

Min. Bend Radius (Install)/Minor Axis: 3.200 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

1310A Multi-Conductor - Speaker Cable

NEC/(UL) Specification: CL3,CM

CEC/C(UL) Specification: CM

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

EU Directive 2002/95/EC (RoHS): Yes

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

EU Directive 2002/96/EC (WEEE): Yes

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

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

MII Order #39 (China RoHS): Yes

Flame Test

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

CSA Flame Test: FT1

Suitability

Suitability - Indoor: Yes

Suitability - Outdoor: Yes

Plenum/Non-Plenum

Plenum (Y/N): No

Plenum Number: 6102UE

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/ft)

.16

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

20.5

Nominal Velocity of Propagation:

VP (%)

66

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

2.5

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

13 Amps per conductor @ 25°C

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|---------------|----------|-------------|-------------|-------|----------------|
| 1310A 006U500 | 500 FT | 41.500 LB | BLUE, LIGHT | | 4 #14 PE FRPVC |
| 1310A 008U500 | 500 FT | 41.500 LB | GRAY | | 4 #14 PE FRPVC |
| 1310A 0081000 | 1,000 FT | 84.000 LB | GRAY | C | 4 #14 PE FRPVC |
| 1310A 010U500 | 500 FT | 41.500 LB | BLACK | | 4 #14 PE FRPVC |
| 1310A 0101000 | 1,000 FT | 84.000 LB | BLACK | C | 4 #14 PE FRPVC |
| 1310A 1SLU500 | 500 FT | 41.500 LB | WHITE 1SL | | 4 #14 PE FRPVC |
| 1310A 1SL1000 | 1,000 FT | 84.000 LB | WHITE 1SL | C | 4 #14 PE FRPVC |

Notes:

C = CRATE REEL PUT-UP.

Speaker Wire and Cable

Low-Capacitance Oxygen-Free, High-Conductivity (OFHC) Speaker Cable
Twisted Jacketed Construction



| Description | Part No. | UL NEC/ C(UL) CEC Type | No. of Cond. | Standard Lengths | | Standard Unit Weight | | Insulation Thickness | | Jacket Thickness | | Nominal OD | | Nominal Capacitance* | |
|-------------|----------|------------------------------|-----------------|------------------|---|----------------------|----|----------------------|----|------------------|----|------------|----|----------------------|------|
| | | | | Ft. | m | Lbs. | kg | Inch | mm | Inch | mm | Inch | mm | pF/Ft. | pF/m |

Low Cap • 16 AWG Stranded (65x34) Oxygen-free High-Conductivity Bare Copper Conductors • Conductors Cabled • Unshielded

Polyolefin Insulation • PVC Jacket (Available in Black, White, Gray, Blue or Green)

| | | | | | | | | | | | | | | | |
|--|------------------------------------|--------------------------------------|---|----------------|------------------|--------------|-------------|------|-----|------|-----|------|------|------|------|
| | 1307A <small>new</small> | NEC: CMR, CL3R CEC: CMG FT4 | 2 | U-500 1000† | U-152.4 304.8 | 15.0 29.0 | 6.8 13.2 | .013 | .32 | .022 | .56 | .210 | 5.33 | 19.9 | 65.3 |
|--|------------------------------------|--------------------------------------|---|----------------|------------------|--------------|-------------|------|-----|------|-----|------|------|------|------|

Suitable for Direct Burial applications. White and Black jackets are Sunlight-resistant.

| | | | | | | | | | | | | | | | |
|--|------------------------------------|--------------------------------------|---|----------------|------------------|--------------|--------------|------|-----|------|-----|------|------|------|------|
| | 1308A <small>new</small> | NEC: CMR, CL3R CEC: CMG FT4 | 4 | U-500 1000† | U-152.4 304.8 | 26.5 54.0 | 12.0 24.5 | .013 | .32 | .026 | .66 | .270 | 6.86 | 19.9 | 65.3 |
|--|------------------------------------|--------------------------------------|---|----------------|------------------|--------------|--------------|------|-----|------|-----|------|------|------|------|

Suitable for Direct Burial applications. White and Black jackets are Sunlight-resistant.

Low Cap • 14 AWG Stranded (105x34) Oxygen-free High-Conductivity Bare Copper Conductors • Conductors Cabled • Unshielded

Polyolefin Insulation • PVC Jacket (Available in Black, White, Gray, Blue or Green)

| | | | | | | | | | | | | | | | |
|--|------------------------------------|--------------------------------------|---|----------------|------------------|--------------|--------------|------|-----|------|-----|------|------|------|------|
| | 1309A <small>new</small> | NEC: CMR, CL3R CEC: CMG FT4 | 2 | U-500 1000† | U-152.4 304.8 | 22.5 46.0 | 10.2 20.9 | .016 | .39 | .027 | .69 | .264 | 6.71 | 20.5 | 67.3 |
|--|------------------------------------|--------------------------------------|---|----------------|------------------|--------------|--------------|------|-----|------|-----|------|------|------|------|

Suitable for Direct Burial applications. White and Black jackets are Sunlight-resistant.

| | | | | | | | | | | | | | | | |
|--|------------------------------------|--------------------------------------|---|----------------|------------------|--------------|--------------|------|-----|------|-----|------|------|------|------|
| | 1310A <small>new</small> | NEC: CMR, CL3R CEC: CMG FT4 | 4 | U-500 1000† | U-152.4 304.8 | 41.5 84.0 | 18.8 38.1 | .016 | .39 | .033 | .94 | .319 | 8.10 | 20.5 | 67.3 |
|--|------------------------------------|--------------------------------------|---|----------------|------------------|--------------|--------------|------|-----|------|-----|------|------|------|------|

Suitable for Direct Burial applications. White and Black jackets are Sunlight-resistant.

Low Cap • 12 AWG Stranded (168x34) Oxygen-free High-Conductivity Bare Copper Conductors • Conductors Cabled • Unshielded

Polyolefin Insulation • PVC Jacket (Available in Black, White or Gray)

| | | | | | | | | | | | | | | | |
|--|------------------------------------|--------------------------------------|---|-----------------------|---------------------------|----------------------|----------------------|------|-----|------|-----|------|------|------|------|
| | 1311A <small>new</small> | NEC: CMR, CL3R CEC: CMG FT4 | 2 | U-500 500 1000† | U-152.4 152.4 304.8 | 36.5 36.5 74.0 | 16.6 16.6 33.6 | .018 | .46 | .036 | .91 | .352 | 8.94 | 22.3 | 73.2 |
|--|------------------------------------|--------------------------------------|---|-----------------------|---------------------------|----------------------|----------------------|------|-----|------|-----|------|------|------|------|

Suitable for Direct Burial applications. White and Black jackets are Sunlight-resistant.

| | | | | | | | | | | | | | | | |
|--|------------------------------------|--------------------------------------|---|--------------|----------------|---------------|--------------|------|-----|------|------|------|-------|------|------|
| | 1312A <small>new</small> | NEC: CMR, CL3R CEC: CMG FT4 | 4 | 500 1000† | 152.4 304.8 | 66.5 132.0 | 30.2 59.9 | .018 | .46 | .043 | 1.09 | .423 | 10.74 | 22.3 | 73.2 |
|--|------------------------------------|--------------------------------------|---|--------------|----------------|---------------|--------------|------|-----|------|------|------|-------|------|------|

Suitable for Direct Burial applications. White and Black jackets are Sunlight-resistant.

Low Cap • 10 AWG Stranded (259x34) Oxygen-free High-Conductivity Bare Copper Conductors • Conductors Cabled

Polyolefin Insulation • PVC Jacket (Available in Black, White or Gray)

| | | | | | | | | | | | | | | | |
|--|------------------------------------|--------------------------------------|---|--------------|----------------|---------------|--------------|------|-----|------|------|------|-------|------|------|
| | 1313A <small>new</small> | NEC: CMR, CL3R CEC: CMG FT4 | 2 | 500 1000† | 152.4 304.8 | 55.0 109.0 | 25.0 49.5 | .019 | .48 | .044 | 1.12 | .428 | 10.87 | 23.2 | 76.1 |
|--|------------------------------------|--------------------------------------|---|--------------|----------------|---------------|--------------|------|-----|------|------|------|-------|------|------|

Suitable for Direct Burial applications. White and Black jackets are Sunlight-resistant.

OFHC = Oxygen-Free High-Conductivity

*Capacitance between conductors.

†1000 ft. put-ups not available in Blue or Green.

Color Code Chart

| Cond. | Color |
|-------|-------|
| 1 | Black |
| 2 | Red |
| 3 | White |
| 4 | Green |