



Product Specification

16-4

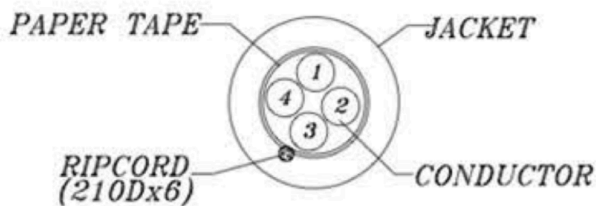
Description

16 AWG, 4 Conductors, Speaker Cable, Stranded, Oxygen Free Copper, UL Direct Burial, CL3 & FT4, Rated for In Wall and Direct Burial Applications.

Variants

| | |
|-----------------|--------------------------------------|
| Next-16-4-White | White outer jacket, 500ft., pull box |
| Next-16-4-Black | Black outer jacket, 500ft., pull box |

Construction



Conductors

| | |
|------------------|--------------------|
| Gauge | 16AWG |
| Quantity | 4 |
| Material | Oxygen Free Copper |
| Strand Count | 65 |
| Strand Diameter | 0.15mm ± 0.008mm |
| Overall Diameter | 1.39mm ± 0.05mm |

Insulation

| | |
|---------------------|--|
| Material | Semi-rigid Polyvinyl Chloride (SR-PVC) |
| Nominal Thickness | 0.30mm |
| Insulation Diameter | 2.1mm ± 0.05mm |
| Colors | Red, Black, White, Green |

Paper Tape

| | |
|----------|--------|
| Coverage | ≥ 125% |
|----------|--------|

Rip Cord

| | |
|--------------|-----------------|
| Material | Nylon |
| Construction | 6x 210D threads |

Jacket

| | |
|-------------------|---|
| Material | Polyvinyl Chloride (PVC) |
| Nominal Thickness | 0.77mm |
| Outer Diameter | 6.8mm ± 0.10mm |
| Marking | NEXT 16-4 SPEAKER CABLE DIRECT BURIAL OXYGEN FREE COPPER 16AWG 2C E301442-22 (UL) CL3 ROOM: ENT KIT FAM LR DR OFC POWD PAT MBR MBA BR1 BR2 BR3 BR4 GAR GYM 123456 "ROHS" XXX/XXXFT |

Standards and Certifications

| | |
|---------------------------|--|
| Fire Safety Ratings | c(UL) CMG or (UL) CL3 |
| Flame Test | FT4 |
| Application | Power limited circuit cables for use as fixed wiring within buildings (some are also marked for direct burial) principally for Class 3 and Class 2 circuits. |
| Standard | UL 13 |
| Performance Ratings | (UL) Direct Burial |
| Additional Certifications | Restriction of Hazardous Substances (RoHS) |

Performance

Electrical Characteristics

| | |
|-------------------------------|----------------------|
| Nominal Temperature | 20°C |
| Maximum Conductor Resistance | 15.6 Ω/km |
| Voltage | 300 Volts RMS |
| Operating Temperature | -20°C to 75°C |
| Minimum Insulation Resistance | 50M Ω/km |
| Dielectric Strength | AC-500V/1 Minute |
| Impedance (near by) | 83Ω ± 6Ω |
| Capacitance (near by) | 26 pF/Ft ± 1.5 pF/Ft |

Mechanical Characteristics

| | |
|-------------------------|--------------------------|
| Test Object | Jacket |
| Test Material | Polyvinyl Chloride (PVC) |
| Before Tensile Strength | ≥ 1.05 kp/mmP2 |