



Product Specification

12-2

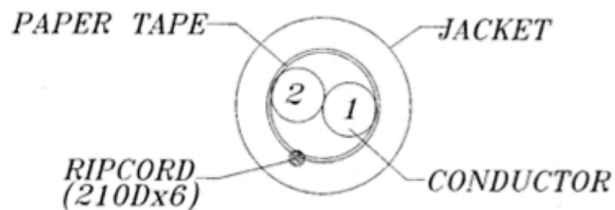
Description

12 AWG, 2 Conductors, Speaker Cable, Stranded, Oxygen Free Copper, UL Direct Burial, CL3 & FT4, Rated for In Wall and Direct Burial Applications.

Variants

Next-12-2-White	White outer jacket, 500ft., pull box
Next-12-2-Black	Black outer jacket, 500ft., pull box

Construction



Conductors

Gauge	12AWG
Quantity	2
Material	Oxygen Free Copper
Strand Count	65
Strand Diameter	0.254mm ± 0.008mm
Overall Diameter	2.36mm ± 0.05mm

Insulation

Material	Semi-rigid Polyvinyl Chloride (SR-PVC)
Nominal Thickness	0.40mm
Insulation Diameter	3.2mm ± 0.05mm
Colors	Red, Black

Paper Tape

Coverage	≥ 125%
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Rip Cord

Material	Nylon
Construction	6x 210D threads

Jacket

Material	Polyvinyl Chloride (PVC)
Nominal Thickness	0.85mm
Outer Diameter	7.80mm ± 0.10mm
Marking	NEXT 12-2 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	5.31 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)	77 Ω \pm 3 Ω
Capacitance (near by)	20 pF/Ft \pm 1 pF/Ft

Mechanical Characteristics

Test Object	Jacket
Test Material	Polyvinyl Chloride (PVC)
Before Tensile Strength	\geq 1.05 kp/mmP2