Product Specification

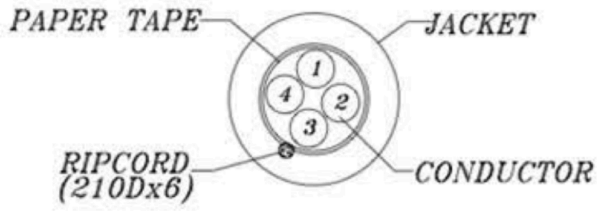
12-4

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

Variants

NX-12X4-CL3-BK-250	Black outer jacket, 250ft., pull box
NX-12X4-CL3-WH-250	White outer jacket, 250ft., pull box

Construction



Conductors

Gauge	12AWG
Quantity	4
Material	Oxygen Free Copper
Strand Count	65
Strand Diameter	0.251mm ± 0.003mm
Overall Diameter	2.34mm

Insulation

Material	Semi-rigid Polyvinyl Chloride (SR-PVC)

Nominal Thickness	0.42mm ± 0.08mm
Insulation Diameter	3.20mm ± 0.20mm
Colors	Red, Black, Green, White

Paper Tape

Coverage	≥ 125%

Rip Cord

Material	Nylon
Construction	6x 210D threads

Jacket

Material	Polyvinyl Chloride (PVC)
Nominal Thickness	0.88mm ± 0.1mm
Outer Diameter	9.40mm ± 0.30mm
Marking	NEXT 12/4 OFC SPEAKER WIRE - PART # - MM/DD/YY - DIRECT BURIAL - 12AWG 4C E301442-88 (UL) CL3 75C - ROOM: ENT KIT DIN LIV FAM OFF | MBR MBA BR1 BR2 BR3 BR4 BA1 BA2 HALL | BSMT ATT THTR PAT POOL GAR - JACK: 1 2 3 4 5 6 | N S E W - SHOP-NEXT.COM - XXX USED / XXX REMAINING

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)	77Ω ± 3Ω
Capacitance (near by)	20 pF/Ft ± 1 pF/Ft

Mechanical Characteristics

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