



Product Specification

12-2 Plenum

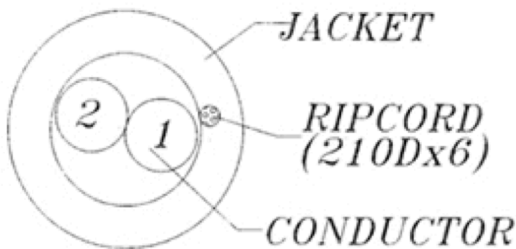
Description

12 AWG, 2 Conductors, Speaker Cable, Stranded, Oxygen Free Copper, CL3P & FT6, Rated for In Wall and Plenum Audio Applications.

Variants

NX-12X2-CL3P-BK-500	Black outer jacket, 500ft., pull box
NX-12X2-CL3P-WH-500	White outer jacket, 500ft., pull box

Construction



Conductors

Gauge	12AWG
Quantity	2
Material	Oxygen Free Copper
Strand Count	65
Strand Diameter	0.251mm ± 0.003mm
Overall Diameter	2.34mm

Insulation

Material	Low smoke flame retardant polyvinyl chloride (LSFRPVC)
Nominal Thickness	0.30mm ± 0.08mm
Insulation Diameter	3.00mm ± 0.20mm
Colors	Red, Black

Rip Cord

Material	Nylon
Construction	6x 210D threads

Jacket

Material	Low smoke flame retardant polyvinyl chloride (LSFRPVC)
Nominal Thickness	0.38mm ± 0.08mm
Outer Diameter	6.60mm ± 0.20mm
Marking	NEXT 12/2 OFC PLENUM SPEAKER WIRE - PART # - MM/DD/YY - 12AWG 2C E301442-88 (UL) C(UL) CL3P FT6 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) CMP or (UL) CL3P
Flame Test	FT6
Application	Power limited circuit cables for use as fixed wiring within buildings principally for Class 3 and Class 2 circuits.
Standard	UL 13
Additional Certifications	Restriction of Hazardous Substances (RoHS)

Performance

Electrical Characteristics

Nominal Temperature	75°C
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Maximum Conductor Resistance	5.41 Ω /km
Voltage	300 Volts RMS
Operating Temperature	-20°C to 75°C
Minimum Insulation Resistance	100M Ω /km
Dielectric Strength	AC-500V/1 Minute
Impedance (near by)	77 Ω \pm 3 Ω
Capacitance (near by)	27 pF/Ft \pm 1 pF/Ft