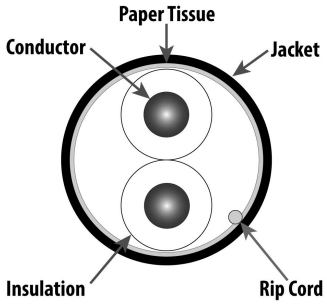
Specifications & Technical Data

Revision: **1**, Date: **2022-05-31**

VOLTIVE



16/2 In-Wall + Direct Burial

16 AWG, 2 Conductors, stranded oxygen free copper. General Purpose (CL3) rated for indoor residential installation in walls and risers (no plenums) and indoor commercial installation in walls (no risers or plenums). Direct Burial rated for installation in-ground without conduit. UL Listed.

https://www.voltive.com/products/voltive-16-2-max-speaker-wire

Standards & Ratings

Voltage Rating	300V
Temperature Rating	75°C
Testing Laboratory	UL
Fire Rating	General Purpose (CL3)
Flame Test	UL 1685
Direct Burial?	Yes
Sunlight Resistant?	No
Materials & Construction	UL 13
RoHS?	Yes

Insulation

Colors	Red, Black
Material	Polyvinyl Chloride (PVC)
Average Thickness (mm)	0.30 ± 0.08
Minimum Thickness (mm)	0.24
Outer Diameter (mm)	2.10 ± 0.20
Minimum Resistance	100 megaohms/km
Dialectric Strength	500V AC for 1 minute

Conductors

Gauge	16AWG
Count	2
Material	Oxygen Free Copper
Outer Diameter (mm)	1.46
Strand Count	65
Strand Diameter (mm)	0.157
Maximum Resistance	13.70 ohms/km

Jacket

Available Colors	Black, White
Material	Polyvinyl Chloride (PVC)
Thickness (mm)	0.88 ± 0.10
Minimum Thickness (mm)	0.62
Outer Diameter (mm)	6.20 ± 0.30
Minimum Bend Radius (mm)	93
Paper Tissue?	Yes
Ripcord	Nylon (1000D)
Marking A	VOLTIVE 16AWG 2C - E516774-41 (UL) CL3 DIRECT BURIAL 75C - XX USED / XX REMAINING
Marking B	V-XXXX - MM/DD/YY - VOLTIVE.COM - XX USED / XX REMAINING

Part Numbers

Part #	Color	Length	Packaging	UPC	Weight	L x W x H (in)	Link
V-1031	Black	100ft	Spool	850001725224	3.8 lbs	6.3 x 6.3 x 3.5	View
V-1033	Black	250ft	Box	850001725354	10.0 lbs	10.8 x 8.6 x 9.8	View
V-1035	Black	500ft	Box	863831000461	19.4 lbs	13.9 x 10.2 x 13.5	View
V-1032	White	100ft	Spool	850001725095	3.8 lbs	6.3 x 6.3 x 3.5	View
V-1034	White	250ft	Box	850001725231	10.0 lbs	10.8 x 8.6 x 9.8	View
V-1036	White	500ft	Box	863831000409	19.4 lbs	13.9 x 10.2 x 13.5	View