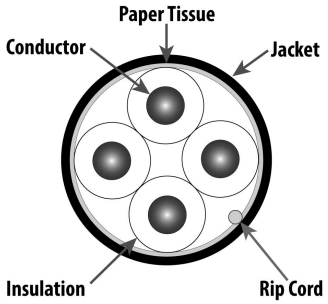
Specifications & Technical Data

Revision: **2.5**, Date: **2023-02-10**

VOLTIVE



Product # V-1213

18/4 In-Wall + Direct Burial

Premium 18 gauge 4 conductor low voltage cable, featuring 42 strand oxygen-free copper (OFC) conductors, quick-strip sleeve, ripcord, and a super-luxe outer jacket. Direct Burial rated for underground installation without conduit. General Purpose (CL3) fire safety rating for installation in walls and risers (between floors) in residential buildings and in walls in commercial buildings. UL Listed.

https://www.voltive.com/products/V-1213

Standards & Ratings

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

Insulation

Colors	Red, Black, White, Green
Material	Polyvinyl Chloride (PVC)
Average Thickness	0.25mm ± 0.08mm
Minimum Thickness	0.20mm
Outer Diameter	1.60mm ± 0.20mm
Resistance	≥ 100 megaohms/km
Dielectric Strength	500V AC for 1 minute

Conductors

Gauge	18AWG
Count	4
Material	Oxygen Free Copper
Outer Diameter	1.18mm
Strand Count	42
Strand Diameter	0.157mm
DC Resistance	≤ 21.90 ohms/km

Jacket

Available Colors	Black, White
Material	Polyvinyl Chloride (PVC)
Thickness	0.88mm ± 0.10mm
Minimum Thickness	0.62mm
Outer Diameter	5.80mm ± 0.30mm
Minimum Bend Radius	15 × diameter (87mm)
Paper Tissue?	Yes
Ripcord	Nylon (1000D)
Printing A	VOLTIVE 18AWG 4C - E516774-XX (UL) CL3 DIRECT BURIAL 75C - XXX FT USED / XXX FT REMAINING
Printing B	V-1213 - MM/YY - XXX-XXX - VOLTIVE.COM - XXX FT USED / XXX FT REMAINING

Part Numbers

Part #	Old Part #	Color	Length	Packaging	UPC	Weight	L x W x H (in)	Link
V-1213-3		Black	100ft	Spool	810095240690	5.3 lbs	6.3 x 6.3 x 3.5	View
V-1213-5		Black	250ft	Box	810095240973	11.5 lbs	10.8 x 8.6 x 9.8	View
V-1213-1	V-1153	Black	500ft	Box	810095240546	22.2 lbs	13.9 x 10.2 x 13.5	View
V-1213-4		White	100ft	Spool	810095240966	5.3 lbs	6.3 x 6.3 x 3.5	View
V-1213-6		White	250ft	Box	810095240980	11.5 lbs	10.8 x 8.6 x 9.8	View
V-1213-2	V-1078	White	500ft	Box	850001725682	22.2 lbs	13.9 x 10.2 x 13.5	View