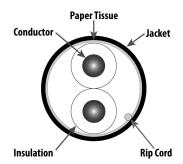
Specifications & Technical Data

Revision: 2.5, Date: 2023-02-10





Product # V-1212

18/2 In-Wall + Direct Burial

Premium 18 gauge 2 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-1212

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 |
|---------------------|--------------------------|
| 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 | 2 |
| 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 | 5.10mm ± 0.30mm | | | | |
| Minimum Bend Radius | 15 × diameter (77mm) | | | | |
| Paper Tissue? | Yes | | | | |
| Ripcord | Nylon (1000D) | | | | |
| Printing A | VOLTIVE 18AWG 2C - E516774-XX (UL) CL3 DIRECT BURIAL 75C - XXX FT USED / XXX FT REMAINING | | | | |
| Printing B | V-1212 - 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-1212-1 | V-1152 | Black | 100ft | Spool | 810095240539 | 2.7 lbs | 6.3 x 6.3 x 3.5 | <u>View</u> |
| V-1212-5 | | Black | 250ft | Box | 810095240683 | 7.5 lbs | 10.8 x 8.6 x 9.8 | <u>View</u> |
| V-1212-3 | V-1076 | Black | 500ft | Вох | 850001725811 | 14.0 lbs | 11.6 x 9.9 x 11.8 | <u>View</u> |
| V-1212-2 | | White | 100ft | Spool | 810095240669 | 2.7 lbs | 6.3 x 6.3 x 3.5 | <u>View</u> |
| V-1212-6 | | White | 250ft | Вох | 810095240676 | 7.5 lbs | 10.8 x 8.6 x 9.8 | <u>View</u> |
| V-1212-4 | V-1077 | White | 500ft | Box | 850001725804 | 14.0 lbs | 11.6 x 9.9 x 11.8 | <u>View</u> |