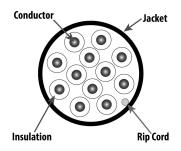
# **Specifications & Technical Data**

Revision: 1.0, Date: 2025-07-28





Product # V-1290

# 18/12 Riser

18 gauge 12 conductor wire for alarm, audio, control, or other low voltage systems, featuring 16 strand oxygen-free copper (OFC) conductors and ripcord. Riser (CL3R) fire safety rating for installation in walls and risers (between floors) in both residential and commercial buildings. UL Listed.

https://www.voltive.com/products/V-1290

## **Standards & Ratings**

Voltage Rating	300V
Temperature Rating	75°C
Materials & Construction	UL 13
Fire Rating	Riser (CL3R)
Flame Test	UL 1666
Testing Laboratory	UL
Direct Burial?	No
Sunlight Resistant?	No
RoHS?	Yes

### Insulation

Colors	Red, Black, White, Green, Brown, Blue, Orange, Yellow, Violet, Gray, Pink, Tan		
Material	Polyvinyl Chloride (PVC)		
Average Thickness	0.30mm ± 0.08mm		
Minimum Thickness	0.24mm		
Outer Diameter	1.80mm ± 0.20mm		
Resistance	≥ 50 megaohms/km		
Dielectric Strength	500V AC for 1 minute		

#### **Conductors**

Gauge	18AWG
Count	12
Material	Oxygen Free Copper
Outer Diameter	1.18mm
Strand Count	16
Strand Diameter	0.251mm
DC Resistance	≤ 21.90 ohms/km

#### **Jacket**

Available Colors	White			
Material	Polyvinyl Chloride (PVC)			
Thickness	0.70mm ± 0.05mm			
Minimum Thickness	0.52mm			
Outer Diameter	$8.90$ mm $\pm 0.40$ mm			
Minimum Bend Radius	15 × diameter (134mm)			
Ripcord	Nylon (1000D)			
Printing A	VOLTIVE 18AWG 12C - E516774-XX (UL) CL3R 75C - XXX FT USED / XXX FT REMAINING			
Printing B	V-1290 - MM/YY - XXX-XXX - VOLTIVE.COM - XXX FT USED / XXX FT REMAINING			

#### **Part Numbers**

Part #	Color	Length	Packaging	UPC	Weight	L x W x H (in)	Link
V-1290-1	White	500ft	Box	810095241826	46.4 lbs	16.5 x 10.2 x 15.9	<u>View</u>