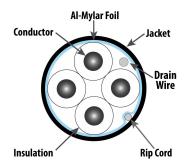
# **Specifications & Technical Data**

Revision: 1.1, Date: 2024-10-22





Product # V-1280

## 16/4 Shielded Riser

16 gauge 4 conductor shielded wire for alarm, audio, control, or other low voltage systems, featuring 26 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-1280

### **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
Material	Polyvinyl Chloride (PVC)
Average Thickness	0.35mm ± 0.05mm
Minimum Thickness	0.28mm
Outer Diameter	2.20mm ± 0.10mm
Resistance	≥ 50 megaohms/km
Dielectric Strength	500V AC for 1 minute

### **Shielding**

Material	Aluminum & Mylar foil
Drain Wire?	Yes

### **Conductors**

Gauge	16AWG
Count	4
Material	Oxygen Free Copper
Outer Diameter	1.47mm
Strand Count	26
Strand Diameter	0.250mm
DC Resistance	≤ 13.70 ohms/km

#### **Jacket**

Available Colors	White
Material	Polyvinyl Chloride (PVC)
Thickness	0.50mm ± 0.05mm
Minimum Thickness	0.40mm
Outer Diameter	6.40mm ± 0.50mm
Minimum Bend Radius	12 × diameter (77mm)
Ripcord	Cotton
Printing	VOLTIVE 16AWG 4C SHIELDED - V-1280 - (UL) CL3R E516774-XX 75C - MM/YY - XXX-XXX - XXX FT USED / XXX FT REMAINING

#### **Part Numbers**

Part #	Color	Length	Packaging	UPC	Weight	L x W x H (in)	Link
V-1280-1	White	500ft	Box	810095241505	30.4 lbs	13.9 x 10.2 x 13.5	<u>View</u>