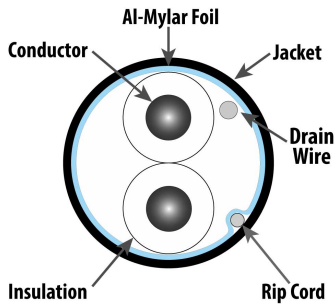


# Specifications & Technical Data



Revision: 1.0, Date: 2024-06-24



Product # V-1253

## 18/2 Shielded Riser

18 gauge 2 conductor shielded wire for alarm, audio, or control, 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-1253>

### 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
Material	Polyvinyl Chloride (PVC)
Average Thickness	0.37mm ± 0.05mm
Minimum Thickness	0.32mm
Outer Diameter	1.90mm ± 0.10mm
Resistance	≥ 50 megaohms/km
Dielectric Strength	500V AC for 1 minute

### Shielding

Material	Aluminum & Mylar foil
Drain Wire?	Yes

### Part Numbers

Part #	Old Part #	Color	Length	Packaging	UPC	Weight	L x W x H (in)	Link
V-1253-2		Black	500ft	Box	810095241079	13.4 lbs	11.6 x 9.9 x 11.8	<a href="#">View</a>
V-1253-1		White	500ft	Box	810095241086	13.4 lbs	11.6 x 9.9 x 11.8	<a href="#">View</a>

### Conductors

Gauge	18AWG
Count	2
Material	Oxygen Free Copper
Outer Diameter	1.15mm
Strand Count	16
Strand Diameter	0.250mm
DC Resistance	≤ 21.90 ohms/km

### Jacket

Available Colors	Black, White
Material	Polyvinyl Chloride (PVC)
Thickness	0.52mm ± 0.10mm
Minimum Thickness	0.42mm
Outer Diameter	4.60mm ± 0.30mm
Minimum Bend Radius	10 x diameter (46mm)
Ripcord	Cotton
Printing	VOLTIVE 18AWG 2C SHIELDED - V-1253 - (UL) CL3R E516774-XX 75C - MM/YY - XXX-XXX - XXX FT USED / XXX FT REMAINING