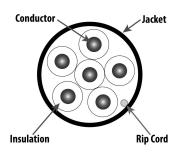
## **Specifications & Technical Data**

Revision: 1.0, Date: 2024-10-22



Product # V-1277

# 18/6 Riser

18 gauge 6 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-1277

### **Standards & Ratings**

Voltage Rating300VTemperature Rating75°CMaterials & ConstructionUL 13Fire RatingRiser (CL3R)Flame TestUL 1666Testing LaboratoryULDirect Burial?NoSunlight Resistant?NoRoHS?Yes		
Materials & ConstructionUL 13Fire RatingRiser (CL3R)Flame TestUL 1666Testing LaboratoryULDirect Burial?NoSunlight Resistant?No	Voltage Rating	300V
Fire RatingRiser (CL3R)Flame TestUL 1666Testing LaboratoryULDirect Burial?NoSunlight Resistant?No	Temperature Rating	75℃
Flame Test     UL 1666       Testing Laboratory     UL       Direct Burial?     No       Sunlight Resistant?     No	Materials & Construction	UL 13
Testing Laboratory     UL       Direct Burial?     No       Sunlight Resistant?     No	Fire Rating	Riser (CL3R)
Direct Burial? No Sunlight Resistant? No	Flame Test	UL 1666
Sunlight Resistant? No	Testing Laboratory	UL
5	Direct Burial?	No
RoHS? Yes	Sunlight Resistant?	No
	RoHS?	Yes

#### Insulation

Colors	Red, Black, White, Green, Brown, Blue		
Material	Polyvinyl Chloride (PVC)		
Average Thickness	0.30mm ± 0.05mm		
Minimum Thickness	0.22mm		
Outer Diameter	1.80mm ± 0.20mm		
Resistance	≥ 50 megaohms/km		
Dielectric Strength	500V AC for 1 minute		

#### Conductors

Gauge	18AWG
Count	6
Material	Oxygen Free Copper
Outer Diameter	1.15mm
Strand Count	16
Strand Diameter	0.250mm
DC Resistance	≤ 21.90 ohms/km

#### Jacket

Available Colors	White
Material	Polyvinyl Chloride (PVC)
Thickness	0.50mm ± 0.05mm
Minimum Thickness	0.40mm
Outer Diameter	6.30mm ± 0.50mm
Minimum Bend Radius	6 × diameter (38mm)
Ripcord	Cotton
Printing	VOLTIVE 18AWG 6C - V-1277 - (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-1277-1	White	500ft	Box	810095241468	28.2 lbs	13.9 x 10.2 x 13.5	View