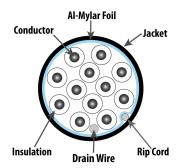
Specifications & Technical Data

Revision: 1.0, Date: 2024-10-22





Product # V-1282

18/12 Shielded Riser

18 gauge 12 conductor shielded 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-1282

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	0.32mm ± 0.05mm
Minimum Thickness	0.25mm
Outer Diameter	1.80mm ± 0.10mm
Resistance	≥ 50 megaohms/km
Dielectric Strength	500V AC for 1 minute

Shielding

Material	Aluminum & Mylar foil		
Drain Wire?	Yes		

Conductors

Gauge	18AWG		
Count	12		
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	0.70mm ± 0.10mm
Minimum Thickness	0.55mm
Outer Diameter	8.70mm ± 0.50mm
Minimum Bend Radius	12 × diameter (104mm)
Ripcord	Cotton
Printing	VOLTIVE 18AWG 12C SHIELDED - V- 1282 - (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-1282-1	White	500ft	Box	810095241529	55.1 lbs	16.5 x 10.2 x 15.9	<u>View</u>