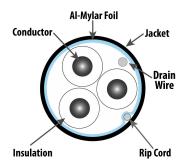
Specifications & Technical Data

Revision: 1.0, Date: 2024-06-24





Product # V-1254

18/3 Shielded Riser

18 gauge 3 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-1254

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			
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		

Conductors

Gauge	18AWG	
Count	3	
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	0.52mm ± 0.17mm				
Minimum Thickness	0.42mm				
Outer Diameter	5.30mm ± 0.50mm				
Minimum Bend Radius	10 × diameter (53mm)				
Ripcord	Cotton				
Printing	VOLTIVE 18AWG 3C SHIELDED - V-1254 - (UL) CL3R E516774-XX 75C - MM/YY - XXX-XXX - XXX FT USED / XXX FT REMAINING				

Part Numbers

Part #	Old Part #	Color	Length	Packaging	UPC	Weight	L x W x H (in)	Link
V-1254-1		White	500ft	Box	810095241093	17.4 lbs	11.6 x 9.9 x 11.8	<u>View</u>