



## Product # V-1263

# 18/2 Shielded Plenum

18 gauge 2 conductor shielded wire for alarm, audio, or control, featuring 16 strand oxygen-free copper (OFC) conductors and ripcord. Plenum (CL3P) fire safety rating for installation in walls, risers (between floors), and plenums in both residential and commercial applications. UL Listed.

<https://www.voltive.com/products/V-1263>

## Standards & Ratings

Voltage Rating	300V
Temperature Rating	75°C
Materials & Construction	UL 13
Fire Rating	Plenum (CL3P)
Flame Test	NFPA 262
Testing Laboratory	UL
Direct Burial?	No
Sunlight Resistant?	No
RoHS?	Yes

## Insulation

Colors	Red, Black
Material	Low-smoke Flame Retardant Polyvinyl Chloride (LSFRPVC)
Average Thickness	0.25mm ± 0.08mm
Minimum Thickness	0.20mm
Outer Diameter	1.70mm ± 0.20mm
Resistance	≥ 100 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-1263-1		White	500ft	Box	810095241192	10.6 lbs	11.6 x 9.9 x 11.8	<a href="#">View</a>

## Conductors

Gauge	18AWG
Count	2
Material	Oxygen Free Copper
Outer Diameter	1.18mm
Strand Count	16
Strand Diameter	0.251mm
DC Resistance	≤ 21.90 ohms/km

## Jacket

Available Colors	White
Material	Low-smoke Flame Retardant Polyvinyl Chloride (LSFRPVC)
Thickness	0.38mm ± 0.05mm
Minimum Thickness	0.26mm
Outer Diameter	4.30mm ± 0.20mm
Minimum Bend Radius	20 × diameter (86mm)
Ripcord	Nylon (1000D)
Printing A	VOLTIVE 18AWG 2C SHIELDED - E516774-XX (UL) CL3P 75C - XXX FT USED / XXX FT REMAINING
Printing B	V-1263 - MM/YY - XXX-XXX - VOLTIVE.COM - XXX FT USED / XXX FT REMAINING