



Product # V-1252

## 22/2 Shielded Plenum

22 gauge 2 conductor shielded wire for alarm, audio, or control, featuring 7 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/voltive-22-2-shielded-plenum-wire>

### 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	0.20mm ± 0.10mm
Minimum Thickness	0.16mm
Outer Diameter	1.15mm ± 0.15mm
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-1252-1		White	500ft	Box	810095240928	7.3 lbs	10.8 x 8.6 x 9.8	<a href="#">View</a>

### Conductors

Gauge	22AWG
Count	2
Material	Oxygen Free Copper
Outer Diameter	0.73mm
Strand Count	7
Strand Diameter	0.246mm
DC Resistance	≤ 55.40 ohms/km

### Jacket

Available Colors	White
Material	Low-smoke Flame Retardant Polyvinyl Chloride (LSFRPVC)
Thickness	0.38mm ± 0.08mm
Minimum Thickness	0.30mm
Outer Diameter	3.20mm ± 0.50mm
Minimum Bend Radius	20 x diameter (64mm)
Ripcord	Nylon (1000D)
Printing A	VOLTIVE 22AWG 2C SHIELDED - E516774-XX (UL) CL3P 75C - XXX FT USED / XXX FT REMAINING
Printing B	V-1252 - MM/YY - XXX-XXX - VOLTIVE.COM - XXX FT USED / XXX FT REMAINING