



Product # V-1322

## 18/8 Thermostat Plenum

18 gauge 8 conductor wire for thermostats, featuring solid bare copper 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-1322>

### 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, White, Green, Blue, Yellow, Brown, Orange, Black
Material	Low-smoke Flame Retardant Polyvinyl Chloride (LSFRPVC)
Average Thickness	0.20mm ± 0.10mm
Minimum Thickness	0.16mm
Outer Diameter	1.40mm ± 0.10mm
Resistance	≥ 50 megaohms/km
Dielectric Strength	500V AC for 1 minute

### Part Numbers

Part #	Color	Length	Packaging	UPC	Weight	L x W x H (in)	Link
V-1322-1	Brown	500ft	Box	810095242397	25.9 lbs	13.9 x 10.2 x 13.5	<a href="#">View</a>

### Conductors

Gauge	18AWG
Count	8
Material	Oxygen Free Copper
Outer Diameter	1.02mm
Stranding	Solid
DC Resistance	≤ 21.40 ohms/km

### Jacket

Available Colors	Brown
Material	Low-smoke Flame Retardant Polyvinyl Chloride (LSFRPVC)
Thickness	0.38mm ± 0.10mm
Minimum Thickness	0.22mm
Outer Diameter	5.38mm ± 0.30mm
Minimum Bend Radius	20 × diameter (108mm)
Ripcord	Nylon (1000D)
Printing A	VOLTIVE 18AWG 8C THERMOSTAT - E516774-XX (UL) CL3P 75C - XXX FT USED / XXX FT REMAINING
Printing B	V-1322 - MM/YY - XXX-XXX - VOLTIVE.COM - XXX FT USED / XXX FT REMAINING