



Product # V-1297

18/6 Plenum

18 gauge 6 conductor wire for alarm, audio, control, or other low voltage systems, 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-1297>

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, White, Green, Brown, Blue
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	≥ 50 megaohms/km
Dielectric Strength	500V AC for 1 minute

Conductors

Gauge	18AWG
Count	6
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	5.86mm ± 0.20mm
Minimum Bend Radius	20 × diameter (117mm)
Ripcord	Nylon (1000D)
Printing A	VOLTIVE 18AWG 6C - E516774-XX (UL) CL3P 75C - XXX FT USED / XXX FT REMAINING
Printing B	V-1297 - MM/YY - XXX-XXX - VOLTIVE.COM - XXX FT USED / XXX FT REMAINING

Part Numbers

Part #	Color	Length	Packaging	UPC	Weight	L x W x H (in)	Link
V-1297-1	White	500ft	Box	810095241925	21.7 lbs	13.9 x 10.2 x 13.5	View