

500 FT SPOOL STRANDED SPEAKER BULK WIRE

12/2 CL3 PLENUM RATED SPEAKER WIRE OVERVIEW

The Io Audio Technologies 12AWG 2-Conductor CL3P Speaker Cable is engineered for professional audio installations where performance, reliability, and code compliance are essential. Built with stranded copper conductors, this cable delivers dependable signal transmission for distributed audio, commercial AV, multi-room residential systems, paging, and background music applications. Its plenum-rated UL13 CL3P construction and low-smoke flame-retardant insulation make it suitable for installation in air handling spaces while helping meet stringent building safety requirements.

Designed with installers in mind, the cable is supplied on a 500 ft spool and features a durable white PVC jacket that withstands the demands of installation while remaining flexible for easier routing and termination. Red and black insulated conductors simplify polarity identification and an integrated rip cord speeds jacket removal for faster termination. Dual-direction footage markings printed every 2 feet provide quick, accurate cable tracking, making it easy to determine both the length of cable used and the amount remaining on the spool.



Product specifications may change without prior notification



SPECIFICATIONS

Product

Part Number: **IO-S01207-CL3P-500SP**

Wire Components: **2 Conductors + Rip Cord**

Length: **500ft Spool**

Insulation

Material: **Low smoke flame retardant polyvinyl chloride (LSFRPVC)**

O.D.: **$3.00 \pm 0.2\text{mm}$**

Colors: **Red, Black**

Electrical and Mechanical Characteristics

Spark Test: **2.5 KV for 0.15 seconds**

AC Leakage Thru Overall Jacket: **$\leq 10\text{mA}$ (1.5KV AC)**

Cable Cold Bend: **$-20 \pm 1^\circ\text{C}$ x 4 Hrs**

Conductor DC Resistance: **$\leq 5.41 \Omega/100\text{m}$**

Dielectric Strength: **500 V AC For 1 Min**

Insulation Resistance: **$\geq 100\text{M}\Omega/\text{Km}$**

Operating Temperature: **$-20^\circ\text{C} \sim +75^\circ\text{C}$ ($-4^\circ\text{F} \sim +167^\circ\text{F}$)**

Conductors

Details: **Stranded Annealed Copper**

Size: **12 AWG**

Stranding: **$65/0.251 \pm 0.003$**

Jacket

O.D.: **$6.67 \pm 0.2\text{mm}$**

Material: **PVC**

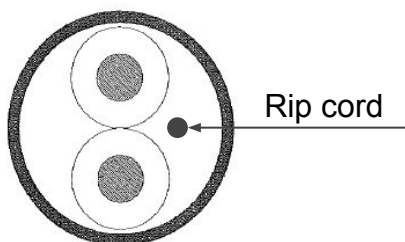
Color: **White**

Thickness: **$0.38 \pm 0.08\text{mm}$**

Flammability Rating

Details: **UL13 CL3P**

CONFIGURATION



STANDARDS & CLASSIFICATIONS



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10557 Metric Dr. Dallas, TX 75243 | 214-340-0265 | www.ioaudiotech.com