



18 AWG Clear Speaker Wire, 34/0.16TS
Tinned Copper, 2.5x5mm OD, 500 ft
Roll

- 18 AWG conductor in 34/0.16TS tinned stranded copper construction
- PVC insulation rated 300 V at 80 °C conductor temperature
- Conductor resistance of 30 Ω/km at 20 °C
- 2000 V AC per minute dielectric withstand test
- Parallel flat profile with 2.5 × 5 mm outer diameter
- 500 ft (152.5 m) reel packaging with RoHS-compliant insulation

OVERVIEW

An 18 AWG two-conductor speaker wire designed for audio signal distribution in commercial and residential installations. Supplied on a 500 ft (152.5 m) reel, it is suited for runs requiring organized, tangle-free deployment in professional environments.

The wire uses a 34/0.16TS tinned stranded copper conductor with PVC insulation in a parallel flat profile measuring 2.5 × 5 mm outer diameter. Conductor resistance is 30 Ω/km at 20 °C, and the insulation is rated 300 V at 80 °C with a 2000 V AC dielectric withstand test. Clear insulation allows straightforward polarity identification during termination.

Insulation materials meet RoHS requirements. Covered by a one-year warranty.

SPECIFICATIONS

OPTICAL

LED Lifetime50,000 h

MECHANICAL

Product Dimensions2.5 × 5 mm outer diameter

Length152.5 m500.3 ft

FinishClear

MaterialTinned stranded copper conductor, PVC insulation

ORDERING

Warranty1 y

CERTIFICATIONS & COMPLIANCE

RoHS

RoHS Compliant

ELECTRICAL

Operating Voltage300 V

Wire Gauge18 AWG

ENVIRONMENTAL

Environmental RatingRoHS

Ambient Operating Temperature80 °C176 °F

APPLICATIONS

- Distributed audio and paging systems
- Conference room and boardroom AV builds
- Retail and hospitality background music systems
- Residential home theater wiring
- Commercial sound reinforcement rough-in

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
led_lifetime_h	50,000 h	db	high
operating_voltage	300 V	pdf	high
wire_gauge	18 AWG	pdf	high
product_dimensions	2.5 × 5 mm outer diameter	pdf	high
length	152.5 m	pdf	high
finish	Clear	pdf	high
material	Tinned stranded copper conductor, PVC insulation	pdf	high
environmental_rating	RoHS	pdf	high
ambient_temp_c	80 °C	pdf	high
warranty_years	1 y	db	high

Specifications subject to change without notice.

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