

Cable Servo Extension Wire 50cm (26 AWG, 60 Cores)

User manual



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1. Product overview

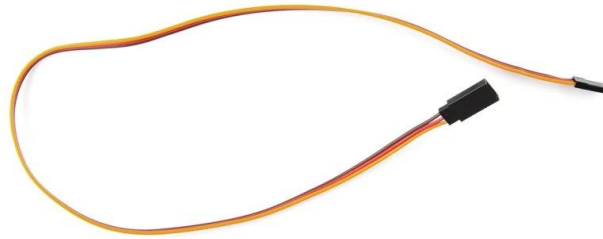


Fig.1. Cable Pilotix Servo Extension Wire 50cm (26 AWG, 60 Cores)

Technical Specifications

Length: 50 cm.

Wire gauge: 26 AWG (suitable for both standard and high-torque digital servos).

Construction: 60 tinned copper strands per wire (extreme flexibility).

Insulation: Soft PVC.

Connectors: Universal JR/UNI.

Colors: Classic color-coding.

2. Key features

Vibration resistance: Thanks to its 60 fine strands, the cable is much less prone to internal breakage (fatigue fracture) than standard cables with 10–20 strands. This is critical for large drones.

Low voltage drop: Tinned copper ensures excellent conductivity even over a length of 50 cm, which prevents servos from "drooping" under high load.

Secure connection: The connectors feature precise alignment and a firm grip that prevents accidental disconnection due to vibrations.

Easy cable management: Despite its robustness, the cable is very easy to shape and holds its position in narrow fuselage channels or in protective sleeves.

3. Installation and tips

Airplanes: Extending the signal to the aileron and flap servos in large wings.

Drones: Connecting peripherals (LEDs, GPS, buzzers) located farther from the control unit.

Security: When installing in locations that are inaccessible after assembly, always secure the connection with heat-shrink tubing or a special plastic clip (Servo Clip).

Shortening: If 50 cm is too long, the cable can be easily shortened and re-crimped using standard servo connector pliers.

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