

Product feature

This [3.5mm 4-Pole Audio Male to Dual 2.5mm Snap Female Electrode Cable](#) is specifically designed for **medical and rehabilitation applications** where stable signal transmission and reliable electrode connection are critical. The cable adopts a **1-to-2 splitter structure** with an **integrated slider** and **enhanced strain relief**, ensuring durability, flexibility, and ease of use in daily clinical and home-care environments.

Precise & Stable Signal Transmission

The [3.5mm TRRS \(4-pole\) audio plug](#) provides consistent electrical performance and low signal loss, making it suitable for **TENS, EMS, EMG, ECG, and biofeedback devices**. High-quality conductors and controlled assembly processes ensure stable output during continuous use.

Dual 2.5mm Snap Electrode Interface

Equipped with **two 2.5mm female snap connectors**, the cable supports standard medical electrode pads. The secure snap structure guarantees reliable contact, minimizing signal interruption during movement or long-term therapy sessions.

1-to-2 Split Design with Inline Slider

The integrated **Y-split configuration** allows simultaneous connection to two electrodes, enabling **dual-channel stimulation or monitoring**. The inline slider helps organize the cable branches, improving usability and reducing tangling during operation.

Medical-Grade Materials & Safety

The cable jacket is made from **medical-grade PVC or TPU**, offering excellent flexibility, wear resistance, and skin safety. All materials comply with **RoHS and REACH requirements**, making the product suitable for medical and healthcare environments.

Reinforced Strain Relief for Long Service Life

Both connector ends are designed with **overmolded strain relief (SR)** to effectively reduce bending stress and prevent internal wire breakage. This structure significantly enhances durability, even under frequent plugging, unplugging, and movement.

OEM / ODM Customization Capability

As an **ISO 13485 certified medical cable manufacturer**, we offer full **OEM and ODM services**, including custom cable length, connector configuration, pin assignment, materials, colors, and logo branding. Our engineering team supports drawing review, prototyping, and mass production to ensure perfect compatibility with your device.





Why Choose Us as Your Cable Manufacturer?

- **Certified Quality:** ISO 13485 & ISO 9001 certified factory
- **OEM & ODM Service:** Fully customizable connectors, cable length, and design
- **Engineering Support:** Strong R&D capability to support new product development
- **Manufacturing Strength:** Over 10 years experience in cable manufacturing

Company Introduction

About us

10+ Years Experienced Professional Manufacturer of Customized Cables.



3000 M²

Factory space with 10years of production experience

100+

Employees

OEM/ODM

Support customized

IOS13485

Certified Medical Accessory Manufacturer

FAQ

Q1: Can I start a sample order first before ordering more?

A: Sure, Goochain provide free samples if we have stock, sample customized should be charged some set up cost. We appreciate you to order sample from us to check our quality.

Q2: What payment methods do you accept?

A: Alibaba Trade Assurance, PayPal, T/T, Bank Transfer, Western Union and L/C

Q3: How does your factory do regarding quality control?

A: Quality is priority. QC department with professional quality assurance specialist attach great importance to quality controlling from the very beginning to the very end. Our factory has gained FDA Registered, RoHS, SGS, CE FCC, ISO9001:2008 ISO13485 authentication. Etc

Q4: Factory? Yes! Can I customize items I like, such as to print our own logo, or to alter the design?

A: Yes, we are a factory with more than 100 employees. We offer OEM/ODM service. Please contact us or our sales representative to check with the details.

Q5: Delivery time and warranty? Which shipping service you will use for my goods?

A: Our lead time is around 2-4 weeks, and we can provide 12 months warranty since delivery. We used DHL, FedEx, UPS, TNT, EMS as customer like.

Q6: Where is your factory located? How can I visit there?

A: Sure. We are more than happy to receive you in Dongguan and show you around our workplace.