

## Solder Wire Singapore 100G – Premium Quality for Professional and DIY Electronics Work

When it comes to creating strong, reliable, and clean solder joints, **Solder Wire Singapore 100G** is one of the most trusted choices among electronics professionals, engineers, and hobbyists alike. Designed for precision and durability, this solder wire ensures smooth, efficient, and long-lasting connections for all your electronic projects — from PCB assembly and component repairs to fine soldering work in prototyping and DIY builds.



### *High-Quality Composition for Superior Performance*

This solder wire is made from **high-purity tin-lead alloy**, typically with a **60/40 or 63/37 ratio**, offering the ideal balance between melting point and flowability. It melts smoothly and evenly, providing excellent wetting characteristics on both copper and brass surfaces.

The **Singapore-grade formulation** guarantees consistent quality, low impurity levels, and stable performance even in continuous production or high-temperature applications.

The result? **Strong, conductive, and reliable solder joints** that won't crack or degrade over time — ensuring maximum electrical integrity and mechanical strength for your circuits.

#### *Smooth and Consistent Flow*

Soldering should be easy and clean — and that's exactly what this wire delivers. Thanks to its **uniform diameter** and **rosin-core flux**, it ensures a steady flow during soldering, reducing splattering and oxidation. The flux core activates instantly when heated, removing surface oxides and improving wetting between the solder and metal surface.



This means you'll get:

- **Clean, shiny solder joints**
- **Reduced bridging or cold joints**
- **Less smoke and residue**
- **Minimal post-cleaning required**

Whether you're working with SMD components or through-hole parts, this solder wire guarantees precision control and a professional finish every time.

#### *Fast Melting and Easy Application*

With a **low melting point** (around 183°C–190°C), this solder wire heats quickly and flows smoothly onto your workpiece, minimizing the risk of heat damage to sensitive components. Its predictable melting behavior ensures you can solder efficiently even with a low-wattage soldering iron — ideal for beginners and experts alike.

The wire feeds smoothly without clogging or breaking, allowing for **continuous soldering** with minimal interruption. This makes it an excellent choice for production lines, repair stations, or personal workbenches.

#### *Versatile Use Across Applications*

The **Solder Wire Singapore 100G** is versatile enough for a wide range of soldering applications, including:

- PCB assembly and rework
- Electrical wiring and cable joints
- Audio and radio circuit soldering
- DIY electronic kits and Arduino projects
- Repairing small appliances and devices

Its consistent performance makes it suitable for **educational labs, makerspaces, and professional workshops** alike.



#### *Compact and Easy to Handle*

Packaged in a **100-gram roll**, this solder wire is light, compact, and easy to store. The spool design allows for smooth unwinding, keeping the wire neatly organized and tangle-free. It's the perfect balance between quantity and portability — enough for multiple projects while still being easy to handle on your bench.

#### *Safe and Reliable*

The rosin-based flux is **non-corrosive** and **non-conductive** once solidified, ensuring no long-term damage or short circuits on your boards. Always remember to use soldering in a well-ventilated area and handle with care for best results and safety.

### **Why Choose Solder Wire Singapore 100G?**

- ✓ **High-quality tin-lead alloy for professional results**
- ✓ **Fast melting and smooth flow for precise soldering**
- ✓ **Integrated rosin-core flux for clean, strong joints**
- ✓ **Low residue and easy cleaning**
- ✓ **Ideal for electronics, repairs, and DIY projects**
- ✓ **Trusted Singapore manufacturing standards**

Whether you're repairing a delicate PCB, assembling a new electronic prototype, or learning the art of soldering, the **Solder Wire Singapore 100G** delivers the perfect combination of **quality, reliability, and ease of use**. It's an essential addition to any technician's toolkit or hobbyist's workbench — ensuring your connections are strong, clean, and built to last.

**Technical Specifications:**

- **Material:** Tin-Lead Alloy (Sn60/Pb40 or Sn63/Pb37)
- **Flux Type:** Rosin Core
- **Melting Point:** Approx. 183°C–190°C
- **Diameter:** 0.8mm – 1.0mm (varies by model)
- **Weight:** 100 grams
- **Origin:** Singapore