

**For over 40 years**, Rubadue Wire has stood for one thing: quality. We are a global

supplier for a diverse range of application and industries. Rubadue specializes in

a range of uninsulated litz wires, served litz wires, and extruded litz wires in addition

to our full catalog of industry-leading wire and cable products.



## Rubadue Litz Wire

Litz wire is used wherever a reduction in AC losses is required and can be found in many major industry segments. Its greater flexibility makes it superior to other wires in the same cross section. Litz wire is made of several strands of enameled magnet wire that are bunched or stranded together.

### COMMON APPLICATIONS:

- Wireless Charging
- Switch Mode Power Supplies
- Induction Heating
- Solar Inverters
- Renewable Energy
- Linear Motors & Motion Control
- Electric Vehicles and Charging Stations

### MANUFACTURING CAPABILITIES:

**INDIVIDUAL WIRE SIZE RANGE:**

50AWG (0,02mm) to 12 AWG (2,05mm)

**TOTAL NUMBER OF WIRES:**

From 2 wires to over 5,000 wires

**TOTAL CONDUCTOR DIAMETER:**

Overall twisted diameter up to .325" (8,3mm)

**TEMPERATURE CLASS:**

From 155°C up to 220°C

**OPTIONAL COATINGS:**

Nylon Serve in Single or Double Layer

Extruded Insulations Such As: ETFE, FEP, PFA

*Other options available. Contact factory for more details.*

**AGENCY APPROVALS:**

UL recognized component  
per OBMW2 File #: E190291

UL recognized component  
per OBJT2 File #: E206198

*Rubadue Litz Wires are approved for use with many Electrical Insulation Systems. Contact factory for more details.*

**ROHS COMPLIANCE:**

2002/95/EC

2011/65/EU