

BIFILAR

Meaning: Bifilar refers to a winding or coil configuration consisting of two parallel wires or strands used to improve efficiency or measure magnetic fields in electrical applications.

1. The bifilar winding in the transformer enhances its efficiency.
2. In the experiment, a bifilar coil was used to measure the magnetic field strength.
3. The researchers discovered that the bifilar arrangement contributed to improved stability.
4. He designed a bifilar suspension system for the pendulum to reduce vibrations.
5. The bifilar method allows for accurate measurements of inductance.
6. To optimize performance, the team implemented a bifilar configuration in the circuit.
7. The bifilar technique is often used in advanced electromagnetic applications.
8. They employed a bifilar setup to achieve better resonance in the device.
9. In the study, the bifilar approach proved effective for minimizing error margins.
10. The engineers praised the bifilar design for its compactness and efficiency.

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