



IS 2465 : 1984- Specification for cables for motor vehicles (Second Revision)

The product "cables for motor vehicles" refers to a variety of specialized cables designed for use in automotive systems to transmit power. These cables are critical components in vehicles as they connect and power various electronic and mechanical systems, ensuring proper functioning and communication between different parts of the vehicle.

The Indian Standard IS 2465:1984 outlines requirements and tests for cables used in motor vehicles, including ignition cables and general wiring cables up to 100 Volts. This standard covers materials, construction, testing, and marking requirements for elastomer and PVC-insulated cables. Key aspects include conductor materials, insulation thickness, and the application of sheaths for durability. It specifies tests to assess mechanical strength, insulation reliability, resistance to oil, ozone, heat, and flammability. Additionally, the standard mandates that manufacturers mark cables with identifiers and provides guidelines for packaging.

These cables are manufactured to withstand harsh automotive conditions, including high temperatures, vibrations, and exposure to chemicals, to ensure durability and reliable performance.

The Indian Standard IS 2465:1984 aims to ensure that motor vehicle cables meet consistent performance and safety standards.