

Dynamic Cables Limited Launches FR LSH and HR FR LSH House Wire Range for Safer Home Wiring in India

Dynamic Cables introduces its FR LSH and HR FR LSH house wire range, delivering flame retardant, low smoke copper wiring solutions for safe residential and commercial electrical installations across India and global markets.



Jaipur, Rajasthan Jun 22, 2026 ([IssueWire.com](https://www.IssueWire.com)) - Dynamic Cables Limited of Jaipur, Rajasthan, India is one of India's premier house wire manufacturers and brings over 40+ years of cable and conductor manufacturing expertise to the market with the introduction of its Dynamic House Wire range. Designed to address the growing demand for safer, more reliable household wiring solutions in modern residential and commercial buildings, the new range features **FR LSH** (Flame Retardant Low Smoke and Halogen) and **HR FR LSH** (Heat Resistant Flame Retardant Low Smoke and Halogen) insulation technology, setting a new benchmark for house wiring safety across India.

Dynamic House Wire is engineered using a 100% electrolytic grade copper conductor with a purity exceeding 99.95%, ensuring superior electrical conductivity and reliable home electrical wiring performance. Available in two distinct variants to meet diverse application requirements, the range caters to a wide range of residential and commercial electrical installation needs. The range is available in 200 metre and 300 metre coils in standard colours including Red, Yellow, Blue, Black, and Green.

The Dynamic FR LSH house wire is developed for applications where superior fire protection and low smoke emission are essential. Manufactured with a flexible Class 5 plain annealed copper conductor and FR LSH PVC insulation conforming to IS 5831 Type D at 70 °c, this building wire is rated for voltages up to and including 1100V under IS 694. The FR LSH insulation restricts flame propagation while significantly reducing smoke and toxic gas release in the event of a fire, improving visibility and enabling safer evacuation. Dynamic FR LSH wires are recommended as the ideal best wire for house wiring in next generation modern residential and commercial building wire installations where fire safety is the primary requirement.

The Dynamic HR FR LSH house wire is engineered for high load applications requiring elevated heat resistance and longer service life. Conforming to IS 694 with HR FR LSH PVC insulation rated to IS 5831 Type C at 85 °c, significantly higher than the 70 °c rating of conventional PVC insulated house wire this variant offers improved current carrying capacity for demanding electrical loads. The 85 ° C operating temperature makes it ideally suited for inverter home wiring and three phase home wiring setups where thermal performance directly affects safety and reliability. In addition to superior heat resistance, the HR FR LSH insulation retains all fire safety and low smoke characteristics of the FR LSH range, making it a comprehensive solution across all house wiring types.

A key safety attribute of [Dynamic House Wire](#) is its insulation oxygen index of more than 30%. Since normal atmospheric air contains approximately 21% oxygen, the insulation resists ignition under typical conditions, providing a higher level of passive fire protection compared to standard household wiring products. This high oxygen index is a recognised indicator of superior flame resistance and is an important consideration when selecting wire types for buildings with stringent fire safety requirements.

Dynamic House Wire is manufactured using eco friendly lead free insulation compounds, eliminating harmful heavy metals and delivering a safer wiring environment for occupants and installation professionals. The entire range is compliant with RoHS (Restriction of Hazardous Substances) and REACH (Registration, Evaluation, Authorisation and Restriction of Chemicals) regulations. All materials comply with them to guarantee they do not contain restricted hazardous materials such as lead, mercury or cadmium that could pose potential threats. Compliance with global environmental and safety standards showcases Dynamic Cables Limited's dedication to responsible production. It secures

Dynamic House Wire as one of the premier house wire manufacturers for sustainable electrical infrastructures.

"Dynamic House Wire represents Dynamic Cables Limited's ongoing dedication to producing safe and dependable building wire for Indian homes and commercial properties, according to a spokesperson for Dynamic Cables Limited. Boasting advanced FR LSH and HR FR LSH insulation technologies as well as 99.95% pure electrolytic copper conductors compliant with RoHS/REACH requirements, Dynamic House Wire was specifically created to meet modern home electrical wiring system demands where safety, performance, and environmental responsibility all must be delivered without compromise."

Looking for cable solutions in the U.S. market? Visit our [USA Landing Page](#) to discover how Dynamic Cables Limited delivers quality electrical cables and wires to customers across the United States.

About Dynamic Cables Limited

Dynamic Cables Limited is a leading name among wire and cable manufacturers in India with over 39+ years of expertise in delivering high-quality electrical wires and cables, power cables, and conductors to the power and energy sectors in India and internationally. Location of Headquarters and Manufacturing/Test Facilities (F 260 Road No 13 VKI Area, Jaipur 302013, Rajasthan, India). Each advanced manufacturing and testing facility is certified to ISO 9001:2015, ISO 14001:2015, and ISO 45001:2018 standards. Its comprehensive product portfolio includes copper cables, aluminium cables, ACSR conductors, medium voltage cables, aerial bunched cables, low voltage power cables, **house wiring** products, and a full range of bare conductors. All products are CE certified and type tested by reputed laboratories, including CPRI, ERDA, and TAG Corporation. For more information, visit the website.

Media and Sales Contact

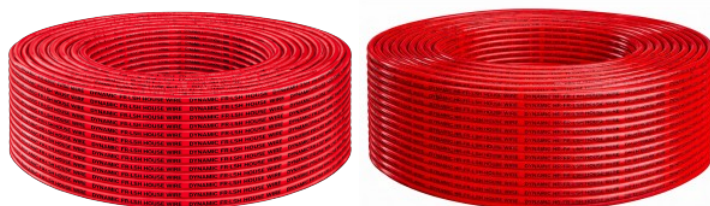
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