



LIGHT DUTY CABLES

Flexible Cable Solutions for Appliances, Light Electrical Loads & General Wiring Applications

POWERING POSSIBILITIES

Gulix Cable Light Duty Cable Range

Gulix Cable Light Duty Cables are designed for low-load electrical applications where flexibility, safe insulation and easy handling are important. These cables are suitable for domestic appliances, light-duty equipment, indoor electrical connections, control wiring and general-purpose wiring requirements.

The range is developed for practical everyday use, offering dependable performance for protected installations and light electrical loads. Final construction, size and rating can be supplied as per customer requirement and applicable standards.

Key Features

Flexible Construction	Fine stranded copper conductor options support easy routing, bending and termination.
Safe Insulation	PVC / HR PVC insulation options for general low-voltage electrical applications.
Easy Handling	Lightweight construction makes installation convenient in appliances, panels and indoor routes.
Good Mechanical Finish	Smooth outer sheath helps protect insulated cores and improves cable appearance.
Colour Options	Core and sheath colours can be supplied as per standard practice or customer requirement.
Reliable Everyday Use	Suitable for protected wiring applications where heavy mechanical stress is not expected.

Typical Cable Construction

1	Conductor	Plain annealed copper / flexible copper conductor as per application requirement.
2	Insulation	PVC / HR PVC insulation for electrical safety and core identification.
3	Core Laying	Single core or multi-core construction depending on product type.
4	Outer Sheath	PVC sheath for protection, flexibility and neat finish in light-duty use.
5	Marking	Brand, size, voltage grade and batch / meter marking as per manufacturing practice.

Technical Snapshot

Parameter	Gulix Cable Light Duty Cable Offering
Application	Appliances, light equipment, indoor wiring, panels and general low-load connections
Voltage grade	Common low-voltage grades as per product requirement
Conductor	Plain annealed copper / flexible copper conductor
Insulation	PVC / HR PVC compound options
Core options	Single core, 2 core, 3 core and multi-core options subject to requirement
Sheath	PVC sheath; FR / FRLS option can be considered as per project need
Colour	Standard colours / customer-specific colours subject to feasibility
Packing	Coils / bundles / drums as per cable size and order quantity
Compliance	To be supplied as per applicable standard, customer specification and approved datasheet

Applications

- Domestic appliances and light electrical equipment
- Indoor wiring and protected installations
- Control panels and low-load circuits
- Small machines and equipment wiring
- Lighting circuits and auxiliary connections
- Commercial and residential electrical use
- OEM and project-specific light-duty wiring requirements

Quality & Testing Focus

- Conductor resistance and continuity checks.
- Insulation thickness and sheath finish inspection.
- Voltage withstand / spark testing as applicable.
- Visual inspection for colour, marking and packing.
- Batch identification and dispatch documentation for traceability.

Selection & Usage Guidance

- Select cable size according to connected load, current rating and installation route.
- Use light-duty cables only in protected areas where heavy mechanical damage is not expected.
- Avoid overloading, sharp bends, crushing and exposure to high heat sources.
- Use proper terminals, glands and connectors for safe termination.
- For outdoor, underground or heavy-duty applications, select suitable armoured / power cable instead.
- Confirm final specification with electrical consultant or project engineer before ordering.



Gulix Cable
Powering Possibilities

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