

# Cables Storage Guideline

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Udey Pyro's very large, long, or heavy cables, like their armoured cables, are supplied in bulk with the cable wound onto either a metal, or more commonly, a wooden drum. This allows for ease of handling, transportation, delivery and ultimately for installation.

It is important that everyone involved with handling the cable keeps it in prime condition so that they perform as intended, which means that care needs to be taken with the drum's storage and handling. Here is what Udey Pyro would recommend for the long-term storage of cables on drums:

- \* The cable drums should be stored on a suitably-drained hard standing.
- \* The cable ends should remain sealed to prevent the ingress of moisture
- \* The wooden drum battens/ plastic sheet on steel drums should remain fixed to the drum to shield the cable sheath from excessive temperatures and UV light. For this reason, damaged wooden battens & plastic sheets should be replaced.
- \* Drums should be stored upright (like a wheel) with wedges used to prevent them rolling.
- \* If a cable is stored in a space which is at a lower temperature than the temperature recommended for its installation, then care should be taken to prevent the cable being damaged by bending or impact
- \* Inspect the cable drums regularly, if a drum has been damaged then the cable should be rewound onto a replacement drum.
- \* A drum should be rotated by 90° every six months
- \* The identification label, which confirms its credentials should remain fixed to the drum

If a wooden/ steel drum is handled and/or stored properly as described in this document, Udey Pyro gives warranty for stability and usability for a period of up to 18 months after delivery. In case wooden drums/ steel show signs of damage from handling and/or storage any warranty obligation given for cable drums and any subsequent cable problems resulting from it are null and void.

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## Udey Pyrocables - Introduction

One of the biggest problems in the nascent days of the cable manufacturing sector was availability of quality specialized cables. Indian suppliers of such cables were scarce and could not supply the desired quality. Alternatively, importing these cables was possible but they were too expensive with high delivery periods. In order to solve this problem Udey Pyrocables was founded back in 1976. We pioneered the manufacturing of Thermocouple Extension Cables, Instrumentation Signal cable & Pneumatic Multi-tube bundle in India.

Even today we follow the same ideology and try to bridge the gap by **supplying excellent quality, affordable prices and reasonable delivery schedules of scarcely available products domestically**. Some of the newer products that we're supplying with this objective are VFD cables, Bus cables, Solar Cables, VDE standard control cable & Polyurethane Cables.

We **specialize in providing tailor made service** for each of our client's requirements and would love to work in association with you to develop better experience with regards to the cable design, cable quality & purchasing experience.

Udey Pyrocables manufactures a wide range of cables on the latest modernized machines to produce quality cables. We have an in-house testing laboratory which meets the requirements of International Standards and can conduct Physical, Routine, Acceptance, Type Tests, FRLS, Halogen free tests etc. all the Instruments are **NABL calibrated**. **Our Plant is located at Lonavala with a total area of 10 acres (100 KMs from Mumbai and 60 KMs from Pune in Maharashtra).**

Our company is **ISO 9001:2015 registered, ISI & CE certified** having approvals with eminent consultants & contractors. Safety and quality are of prime importance to us and in order to ensure the same testing is conducted at every stage of production so that every cable leaving our plant is perfect. We have worked with and delivered outstanding service and products to some of the biggest companies in India & beyond (exporting to 15 countries including the US, Japan, Singapore, Egypt, Middle East etc)

We have complete professional Management with an experienced team of engineers, we take care from our offer to the order placement where cable is designed as per your site requirements and conditions, job cards are made and QA Plan is submitted to you where eve stage our QC department ensures complete checks on every process to full stage of readiness, to shipment.



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## Product Range

### Power & Control Cables

Standard: IS 7098 & IS 1554  
Conductor: Al., Cu., ATC  
Size: 1.5 - 400 sq.mm.  
XLPE/ PVC insulated  
Armoured/ Unarmoured  
Extruded/ Taped  
Range - Upto 1.1 kV & 1.9/ 3.3 kV

### Flexibles & Housing wiring

Standard: IS 694  
Conductor: Cu., ATC  
Size: 0.5 - 400 sq.mm.  
PVC/ ZHLS/ FRLS

### Instrumentation, Signal & RTD cable

Standard: BS 5308, BS EN 50288-7, IEC 189, EIL 6-52-46, EIL 6-52-51, IEC 60092-375, 376, BS EN 50288 PART-7, VDE 0815, VG 95218, NEK 606  
Conductor: Cu., ATC  
Size: 0.5 - 2.5 sq.mm.  
Shielding: Al-Mylar + drain/ ATC braid  
Individual-Overall/ Overall  
Armoured/ Unarmoured  
PVC/ FR/ FRLS/ ZHLS/ Silicon Rubber/ PTFE/  
Fiberglass/ Kapton

### Thermocouple Cable

Standards: ANSI 96.1, IEC 584-3, BS 1843, IS 8784, DIN 43714, EIL 6-52-46  
Conductor: J, K, E, T, R, S, B, N  
Size: 0.5 - 2.5 sq.mm.  
Shielding: Al-Mylar + drain/ ATC braid  
Individual-Overall/ Overall  
Armoured/ Unarmoured  
PVC/ FR/ FRLS/ ZHLS/ Silicon Rubber/ PTFE/  
Fiberglass/ Kapton

### Fire Resistant Cable (FS Cable)

Standards: BS 7846  
Conductor: ATC, ABC  
Size: 1.5 - 400 sq.mm.  
Fire Barrier Tape: Mica Glass Tape  
Armoured/ Unarmoured  
XLPE/ Silicon - ZHLS

### Communication Cables

Profibus Cable  
Profinet Cable  
Foundation Fieldbus Cable  
Modbus Cable  
DeviceNet Cable  
Can Bus Cable

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	Optical Fiber Cable Cat 5e, 6 & 7
<b>Control Cables As per VDE</b>	VDE 0207 LiYY LiYCY LiYCY PUR LiYCY-TP Li2YCY Pimf YY Cable CY Shielded Control cable SY Cable
<b>VFD Cable</b>	Conductor: Cu., ATC, Al. Size: 1.5 - 400 sq.mm. Ground Conductors - 1 or 3 Insulation: XLPE/ PVC Shielding: Al foil + ATC braid/ Copper Tape Individual-Overall/ Overall PVC/ FRLS/ ZHLS
<b>Uninyvin Cable</b>	Conductor: ATC HR PVC, Glass Fiber, Nylon Fiber, Nylon Lacquer
<b>Heat resistant Cable</b>	Based on the peak temperature and operating temperature these cables are designed. Material options - Silicon Rubber/ PTFE/ PFA/ FEP/ PEEK/ Kapton/ Fiber Glass etc
<b>Solar Cables</b>	Standards: 2pfg 1169 Conductor: ATC Size: 2.5 - 400 sq.mm.
<b>Robotic Cables</b>	Conductor: Class 5 or Class 6 ABC Insulation: PE, TPE, EPR Sheathing: PU Shielding: ATC braid (Optional)