

## HIGH TENSION XLPE CABLES



ISO  
9001:2000



(UP TO 66 KV)

# HT XLPE CABLES (UP TO 66 kV)

**POLY CAB** is one of the largest manufacturer of variety of cables and an established name in India as well as abroad. Polycab Wires and Cables are most preferred with numerous installations throughout the country. The range of products includes Power Cables, HT XLPE, LT XLPE and PVC Cables, Instrumentation Cables, Telecommunication Cables (PIJF), Auto Cables, Housewires and Flexibles.

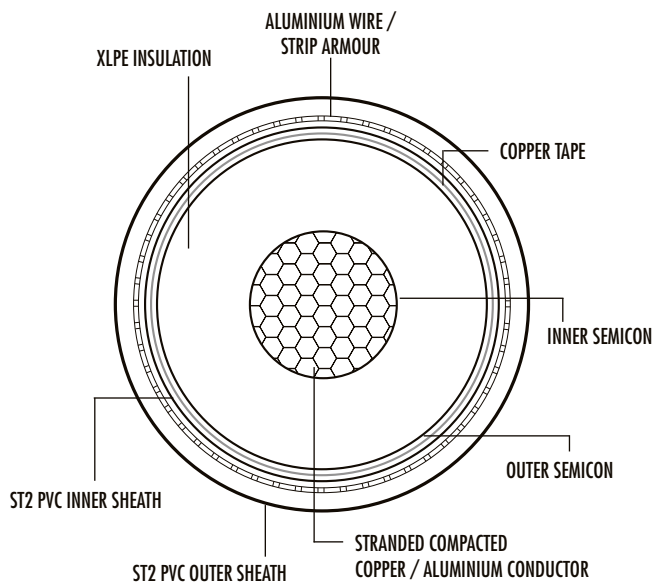
Polycab HT XLPE Cables upto 33 kV are manufactured at its modern manufacturing set up at Daman. Technological upgradation and Polymer revolution has replaced the conventional paper insulated cables and thermoplastic insulated cables with crosslinked Polyethelene (XLPE) having better electrical, mechanical and thermal properties with reduced cable weight and dimensions. Worldwide acceptable trends are adopted by Polycab in manufacturing of High Voltage Cables upto 33 kV.

For over two decades Polycab's aim is to manufacture cables of highest quality and to provide customer satisfaction that is unparalleled in the industry.

## ADVANTAGES OF POLY CAB XLPE CABLES

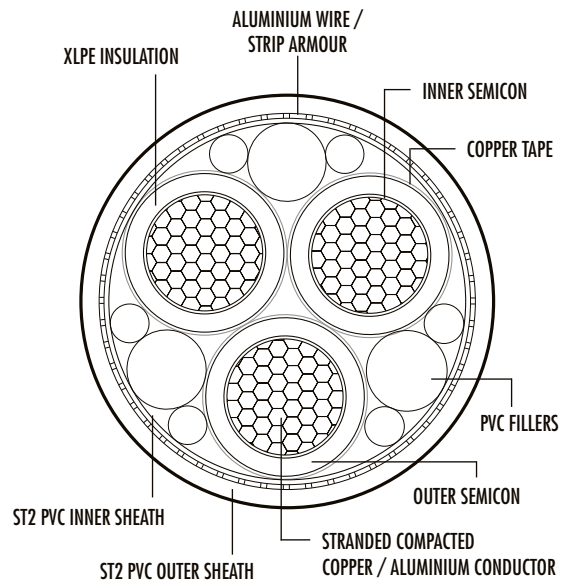
- Higher Electrical Strength Retention
- Higher Short Circuit Rating
- Better Electrical, Mechanical & Thermal Properties
- Easy Jointing & Termination

TYPICAL CONSTRUCTION OF POLY CAB 1 CORE HT XLPE CABLE



CONDUCTOR/SEMICON/XLPE/SEMICON/  
COPPERTAPE/PVC/STRIP/PVC

TYPICAL CONSTRUCTION OF POLY CAB 3 CORE HT XLPE CABLE



CONDUCTOR/SEMICON/XLPE/SEMICON/  
COPPERTAPE/PVC/STRIP/PVC

Polycab manufactures following voltage grade cables as per IS - 7098 ( Part 2), IEC - 60502 and BS - 6622.

- 1) 6.35/11 kV(E), 11/11 kV(U), 12.7/22 kV(E), 19/33 kV Cables.
- 2) 12.7/22 kV Cables (22 kV Earth)
- 3) 11/11 kV i.e. 11 kV (UE) Cables
- 4) 6.6/6.6 kV Cables [6.6 kV (UE) & 11 kV (E)]
- 5) 3.8/6.6 kV Cables.
- 6) 3.3 kV (E) and (UE) Unscreened / Screened Cables.

### Sizes :

50 Sq.mm to 1000 Sq.mm in Single Core Cables.  
25 Sq.mm to 400 Sq.mm in Multi Cores Cables.

Flame Retardant (FR), Flame Retardant Low Smoke (FRLS) and Halogen Free Flame Retardant (ZHFR) Sheathed HT XLPE cables are also manufactured.

The XLPE cables are manufactured on sophisticated triple extrusion line, in highly quality conscious environment with testing and inspection from raw material to finished cables. The assurance of quality is further ensured by ISI certification No. CM/L-71 80366 on cables and ISO 9002 certification by U<sub>L</sub> USA, A-7913.

## POLY CAB WIRES PVT. LTD.

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