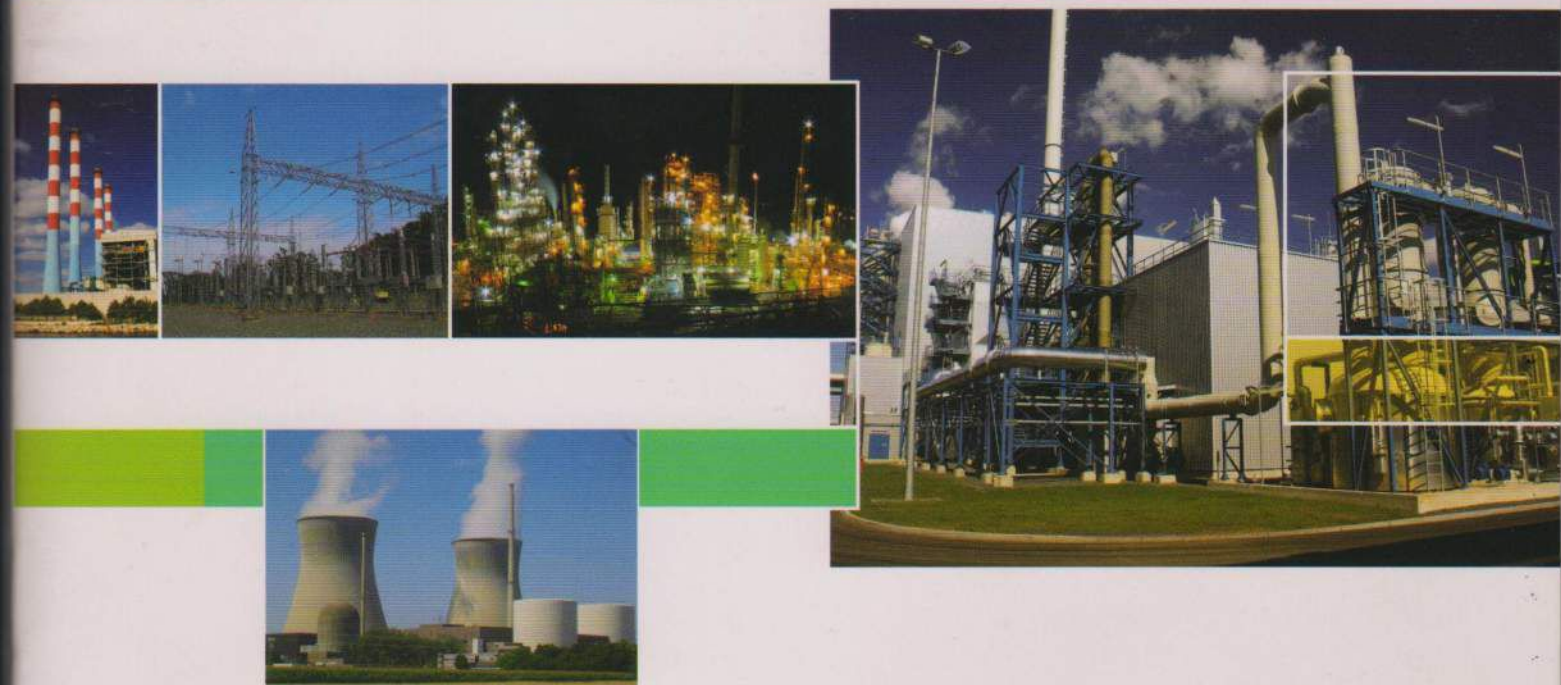


# Swadeshi<sup>®</sup> CABLES



(AN ISO 9001 COMPANY)

**PVC/XLPE POWER & CONTROL CABLES**  
PRODUCT CATALOGUE

## LT CONTROL CABLES (PVC/XLPE)

Electrolyte Grade Annealed bare copper / option - Tinned of IS : 8130 / 1984,

PVC Type A of IS :5831/ OPTION : HR PVC ( Type -C of IS -5831)

Nominal insulation thickness - 0.80mm Cores identification : Up to 5Cores by colour coding & more than 5 cores 5cores : By colour coding / Nos. printing on cores as per IS :1554/7098 pt-1

INNER SHEATH : Extruded PVC as per IS :1554/7098 PT-1

ARMOURING : Single layer of Galvanized steel Round wires / Flat Strips as applicable

OUTER SHEATH : PVC TYPE ST-1 OF IS : 5831'— OPTIONS : PVC TYPE ST-2 OF IS : 5831/ FR TYPE/ FRLS TYPE

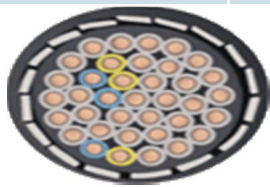
COLOUR OF OUTER SHEATH : BLACK . OPTIONS : any other colour as per requirement



### Application:

The Power Cables are used under ground as well as over head transmission of power in power plants, industries, interconnection of process control, communication and panel control systems, projects and all other electrical installations. connection of power supply to residential, commercial & industrial units.

TECHNICAL INFORMATION	CONSTRUCTION OPTION
<p><b>Type:</b> PVC / XLPE insulated cables conforming to IS:1554-I / IS:7098-I, BS:6346, IEC:60502, BS:5467, BS:7846and Customer specific requirements</p> <p><b>Sizes :</b> 1.5 / 2.5 sq. mm up to 61 core 4 &amp; 6 Sq. mm up to 4 core</p> <p><b>Voltage Rating:</b> 1.1 kV</p> <p><b>Current Rating:</b></p>	<p><b>Conductor</b> – Stranded / Solid / Plain /Tinned Circular shaped as per class-2 of IS:8130 Material - Annealed electrolytic copper conductor</p> <p><b>Insulation</b> – PVC /XLPE/HR PVC / Zero Halogen (Phase, Red, Yellow, Blue &amp; Neutral – Black) Colour</p> <p><b>Inner sheath</b> – PVC /HR PVC /FR/FRLS PVC, as per IS :7098PT-1</p> <p><b>Armouring</b> – Galvanized steel Round wires / Flat Strip or Aluminum Wire /Flat Strip</p> <p><b>Outer sheath</b> – PVC /HR PVC/FR/FRLS PVC /Zero Halogen, PVC TYPE ST-2 OF IS : 5831</p>



CROSS-SECTIONAL VIEW