

HT Power Cables up to 33 KV (E)

Construction

Conductor	<p>Stranded Compact Circular Annealed High Conductivity Bare Copper / Aluminum Conductor as per IS 8130/1984 or IEC 60228.</p>
Insulation	<p>Single Point Triple Extrusion in one operation through Triple Cross Head and Computerized Sophisticated Control & Monitoring System :-</p> <ol style="list-style-type: none"> 1. CONDUCTOR SCREENING 2. XLPE INSULATION 3. INSULATION SCREENING <p>1. CONDUCTOR SCREENING:- EXTRUDED SEMI CONDUCTING COMPOUND IS PROVIDED OVER THE CONDUCTOR. THE THICKNESS OF CONDUCTOR SCREENING AS PER IS 7098(PART 2) OR IEC 60502-2.</p> <p>2. XLPE INSULATION:- EXTRUDED XLPE IS PROVIDED OVER THE CONDUCTOR SCREENING.THE COLOUR OF INSULATION IS NATURAL. THE THICKNESS OF XLPE INSULATION AS PER IS 7098 (PART 2) OR IEC 60502-2.</p> <p>V</p> <p>3. INSULATION SCREENING:- EXTRUDED SEMI CONDUCTING COMPOUND IS PROVIDED OVER INSULATION SCREENING.THE THICKNESS OF INSULATION SCREENING AS PER IS 7098 (PART 2) OR IEC 60502-2.</p>
Metallic Screening	<p>Over the Cured core A Non Magnetic Metallic Tape (Copper Tape) is provided.</p>
Inner Sheath	<p>In case of Multi Core Cables , Cores are laidup together with Suitable Non-Hygroscopic Fillers and Provided Extruded PVC Type ST-2 Sheath. Thickness of Inner Sheath as per IS: 7098 (PART 2) OR IEC 60502-2. For Single Core Inner Sheath shall be provided over the Metallic Screening.</p>
Armouring	<p>In case of Multi Core Cables Galvanised Steel Round Wire / Flat Strip is provided Over Inner Sheath . In case of Single Core a Non Magnetic Material Wire Armouring is Provided Over Inner Sheath as per IS 7098 (PART 2) OR IEC 60502-2.</p>

OUTER SHEATH

Outer Sheath of HR PVC Black Type-ST2 as per IS 7098 (PART 2) OR IEC 60502-2. Also Optional FRLS PVC / FR PVC / ZHLS Compound. UV Radiations Resistance Compound Tested as per ASTM G 53 / DIN 53387.

CORE IDENTIFICATION

By Coloured Strips (Red , Yellow & Blue) applied on Core.

