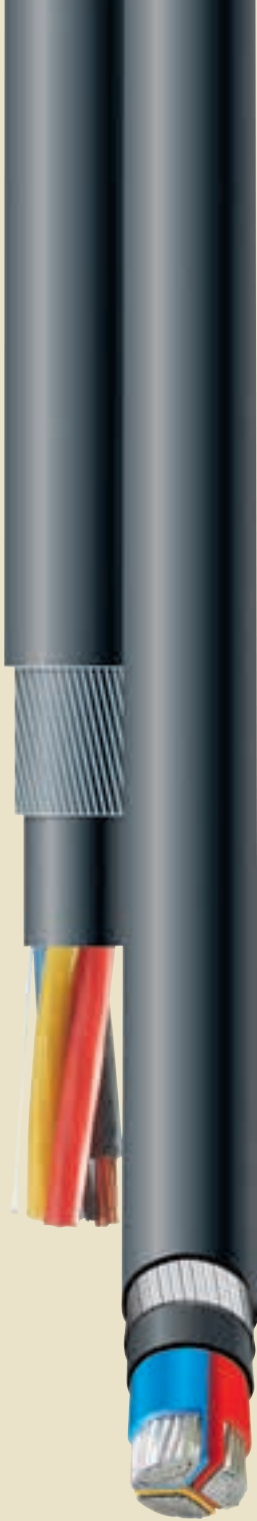




LV Power & Control Cables



Construction	: Single Core / Multi Core
Voltage Grade	: Upto 1800 / 3300 V AC
Conductor	: Aluminum / Copper, Solid / Standard / Flexible Conductor
Range	: Single Core up to 1000 Sq mm Multi Core up to 400 Sq mm Max 61 Cores of 1.5, 2.5, 4.0, & 6.0 Sq mm
Primary Insulation	: General Purpose PVC / Heat Resistant PVC / LDPE / XLPE / EPR / HEPR
Inner Sheath	: PVC / HRPVC / FRPVC / FRLS PVC / ZHFR / LSF
Armouring	: GI Round Wire / Flat Strip or GI / SS Wire Braiding Non-Magnetic Armour / Braiding for Single Core
Outer Sheath	: General purpose PVC / HRPVC / FRLS PVC / ZHFR / LSF
Standards	: IS-694, IS-1554 (Part-I), IS-7098 (Part-I), IEC-60502-1 & BS-6346, BS-5467, IEC-60227, BS-6004, IEC-60332-1, IEC-60332-3-22, 23, 24
Optional Bedding	: Aluminium Tape + HDPE + Polyamide Sheath for an alternate Lead Sheath Cables

Core Identification

Cores shall be identified by different colours of PVC insulation. Following colour scheme shall be adopted

1 Core	: Black or any Single colour
2 Core	: Red & Black
3 Core	: Red, Yellow & Blue
4 Core	: Red, Yellow, Blue & Black
5 Core	: Red, Yellow, Blue, Black & Grey
6 Cores and above	: Two adjacent Cores (counting and direction Core) in each layer, Blue & Yellow, remaining Cores Grey

In addition to these, combinations from the following colours can also be offered -

Red, Black, Blue, Brown, Green, Grey, Orange, Violet, White, Yellow.

Alternately, any single colour insulation on all Cores with number printing can also be provided.

Designation Code

Y	-- PVC insulation
W	-- Steel round wire armour
F	-- Steel strip armour
WW	-- Steel double round wire armour
FF	-- Steel double strip armour
Y	-- PVC outer sheath
Wa	-- Non-magnetic round wire armour
A	-- Aluminium conductor

No Abbreviations used when the conductor material is Copper