



QMS-ISO 9001
EMS-ISO 14001
OHSMS-ISO 45001



RALLISON
DRIVEN BY DESIRE
An ISO 9001:2015 Certified Co.

TYPE & SIZE

Power Cables

1.1kv PVC/XLPE Power cables as per IS : 1554-I & IS:7098 -I

Sizes:

Single Core 1.5 to 1000 sq. mm Multi core 1.5to 630 sq. mm

Copper Control Cables

650/1100 v Annealed electrolytic copper conductor, PVC/XLPE insulated, PVC Sheathed as per IS:1554-I & IS:7098-I

Sizes: 1.5/2.5 sq. mm up to 61 cores 4 & 6 sq. mm up to 4 Cores

Mining Cables - for coal mines and refineries up to 3.3 kv as per IS:1554 (Part II), IS:7098 (Part I)

Fire Survival Cables

1.1 Kv Power Cables S / Cx16 to 1000 Sq. mm Multi core 16 to 400 Sq. mm as IS:16246 / IS:17505 / BS:7846

Control Cables

Sizes : 1.5/2.5 sq. mm up to 61 cores 4 & 6 sq. mm up to 4 Cores

Air Field Lighting Cables (PVC)

5 kv Stranded plain annealed copper, PVC insulated & PVC sheathed as per IS : 1554 (Part II)

Sizes:

Single core 6 sq. mm, 16 sq. mm

2C X 6 sq. mm, 2C X 16 sq. mm

5 kv stranded circular Aluminum Cond. PVC Insulated and steel strip armoured PVC sheathed

2C X 25 Sq. mm

Air Field Lighting Cables (XLPE)

5 kv Stranded plain annealed copper conductor, XLPE insulated Copper Tap shielded, PE sheathed cables as per IEC TS 62100, IS: 7098 (Part II)

Sizes:

Single Core X 6 sq. mm,

Single Core X 16 sq. mm

DC Solar Cable

1500 V DC. (UV Resistant) IS- 17293 / BS EN : 50618 for PV System

Size : 1.5 Sq.mm to 400 Sq.mm

OPTIONS

Conductor - Stranded / Solid / Circular / shaped- Aluminum / Copper / Insulation - PVC / XLPE / HR PVC / Zero Halogen / Innersheath - PVC / HR PVC / FR / FRLS PVC Unarmoured / Armoured G.S. Round Wire / Flat Strip or Aluminum Wire / Flat Strip / Outer sheath - PVC / HR PVC / FR / FRLS PVC / Zero Halogen

Conductor - Stranded / Solid / Circular / shaped- Aluminum / Copper / Insulation - PVC / XLPE / HR PVC / Zero Halogen Innersheath - PVC / HR PVC / FR / FRLS PVC / Unarmoured / Armoured G.S. Round Wire / Flat Strip Outer sheath - PVC / HR PVC / FR / FRLS PVC / Zero Halogen

Conductor - Circular / Shaped - Aluminum / Copper Insulation PVC / XLPS Armouring Wire / Strip / Additional Option - Normally Double Wire Armoured-with Tinned Copper wire - Conductivity not loss than 75% of Phased Conductor.

Conductor: Copper/Aluminum

Insulation XLPE, LS2H

Screening Mica Tape

Inner Sheath: LS2H

Armoring: Wire/Strip

Screening Glass Tape

Outer Sheath LS2H

Conductor - Stranded Copper

Insulation - PVC

Innersheath - PVC

Outersheath - PVC

Option - Armouring - Aluminum Wire / Strip (If Armoured)

Conductor - Aluminum

Insulation PVC Innersheath - PVC

Armoured- Strip

Outersheath - PVC

Conductor - Bare Copper Strands

Inner Semiconductor - Extruded

Insulation - Cross-Linked Polyethylene (XLPE)

Outer Semiconductor - Extruded

Shielding - Copper Tape / Brass Tape

Outersheath - Polyethylene (PE), Halogen Free

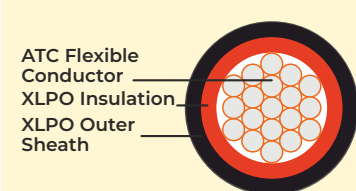
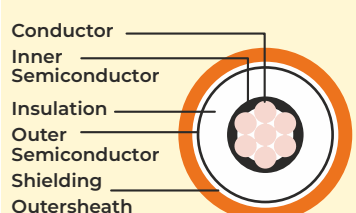
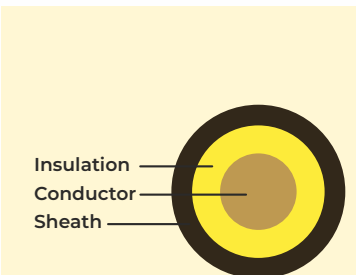
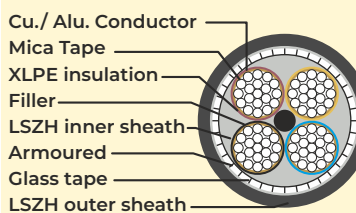
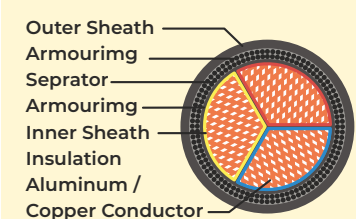
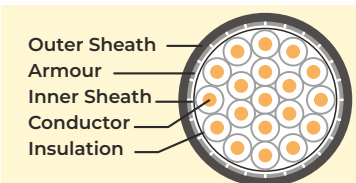
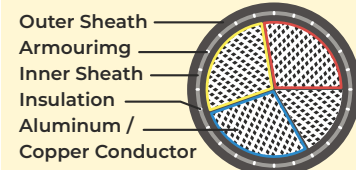
Conductor - Tinned Copper Class 5

Insulation - XLPO

Sheath - XLPO

Colour - Black/Red

CROSS SECTIONAL VIEW



TYPE & SIZE

HT Power Cables

6.6/11 kv PVC / XLPE Power Cable as per IS : 7098 Part-II

Sizes :

Single core up to 630 sq. mm

3 core up to 300 sq. mm

Flat Cables for Submersible Pumps

1.1 KV Stranded Plain Copper, PVC Insulated & PVC sheathed as per IS: 694

Sizes : 3 core 1.5 to 35 sq. mm

Aerial Bunched Cables

1100 Volts, Polyethelene / cross linked polyethelene insulated cables with aluminum conductors twisted over central barc / insulated alloy messenger wire IS - 14255-1995 / BS-7870 (Part-5)1999

Sizes : Phase conductor upto -95sqmm, Messenger conductor upto -70sqmm

Instrumentation / Signal Cables

PVC Sheathed 225/650/1100 v

Grade cables as per BS: 5308/DIN

VDE0815 & 816/IS: 1554/

IEC: 189

Sizes: 0.5/0.75/1.0/1.5/2.5 sq.mm

Thermocouple Extension / Compensating Cables

as per ANSI-MC 96-1 / IS : 8784 /

IS : 1554 / IS : 5608 IEC : 189

Sizes: 0.5 / 0.75 / 1.5 Sq.mm upto 24 Pair

Medium voltage covered

Conductors (MVCC)

Medium Voltage Covered Conductors

IS: 398 / BS EN: 50182/50397

IEC: 61089

Flexible Multi core Cables

1100V Multi strand, Flexible, bright annealed electrolytic copper conductor, PVC insulated and sheathed as per

IS: 694

Sizes: Two, Three or Four Core

House Wiring

1100V Multi strand Flexible, PVC Cables as per IS: 694

Sizes : Single core 1.0 to 400 sq.-mm

EV CABLE :

1100 Volts Grade Three Core Flexible Copper Cable as per IS- 694 / IEC 60228

Size : 6 & 10 Sq.mm

Covered Conducted

OPTIONS

Conductor - Aluminum/Copper

Insulation - Semicon / XLPE / Copper Tape

Innersheath - PVC

Armour - Wire/Strip

Outersheath - PVC / HR PVC / FR / FRLS

Conductor - Copper

Insulation - PVC / HR PVC

Sheathing - PVC / HR PVC

Conductor - All Aluminum / alloy

Insulation - Polythelene / cross linked polythelene

Conductor - Copper / Solid / Plain / Tinned

Insulation - PVC / HR PVC / PE / LSZH

Shielding - Individual Pair / Over all

Drain Wire - Solid / Stranded

Innersheath - PVC / HR PVC / Zero Halogen / FR / FRLS

Unarmoured / Armoured, G. I. Round Wire, / Strip

Outersheath - PVC / HR PVC / FR / FRLS / LSZH Additional

Option : Overall shielding with Aluminum Mylar tape with 100% coverage & 25% overlap on laid up cores for static noise rejection.

Chromel - Alumel / Iron Constantan / Chrome Constantan / Copper Constantan

Conductor - Standard Aluminium

Insulation - XLPE

Conductor - Multi Stranded Plain / Tinned

Insulation - PVC / XLPE / HR PVC / FR / FRLS / Zero Halogen

Sheathed - PVC / HR PVC / FR / FRLS / Zero Halogen

Conductor Bright Annealed Copper

Insulation - PVC / HR PVC / FR / FRLS PVC / LSZH

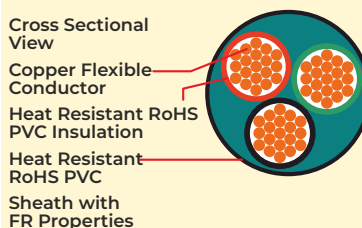
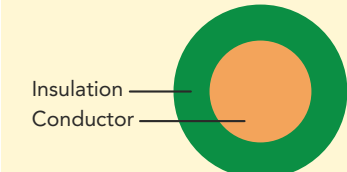
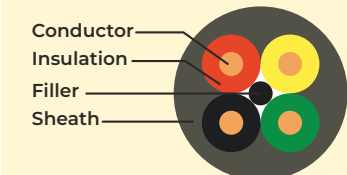
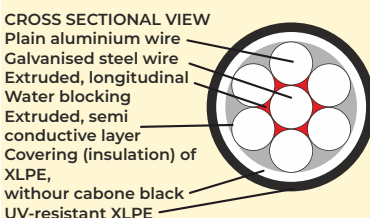
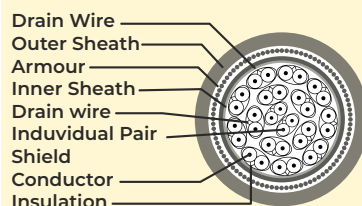
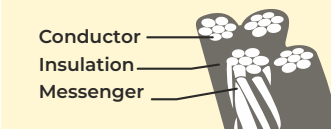
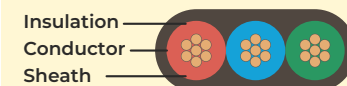
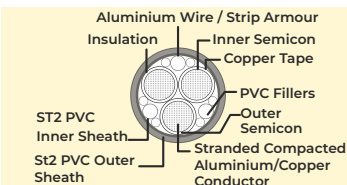
Conductor - EC Grade Plain Copper class 5

Insulation - HR PVC Type C RoHS / EPR

Sheath - HR PVC Type ST-2 RoHS with FR Properties

Colour Black / LSZH

CROSS SECTIONAL VIEW





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