

PRODUCT RANGE

SOLAR DC/AC CABLES

SOLAR DC CABLE:

Class 5 Bare / Tinned Copper conductor insulated with XLPE / Cross linkable Low Smoke Zero Halogen compound suitable for conductor temperature beyond 120°C and sheathed with UV stabilised Cross linkable Low Smoke Zero Halogen compound – in sizes 1C x 2.5 sq.mm to 25 sq.mm Application: Interconnection of Photo Voltaic Modules in air

SOLAR DC CABLE:

Class 5 Bare / Tinned Copper conductor insulated with XLPE/PVC and sheathed with UV stabilised PVC ST2 compound – in sizes 1C x 2.5 sq.mm to 25 sq.mm Application: Interconnection of Photo Voltaic Modules in Conduit

SOLAR DC CABLE:

Class 5 Bare / Tinned Copper / Class 2 Aluminium conductor insulated with PVC / XLPE, PVC ST2 inner sheathed GI / Aluminium round/strip wire Armoured and outer sheathed with UV stabilised PVC St2 compound – in sizes 1C x 25 sq.mm to 400 sq.mm Application: Connection of Collector to Inverter in Air/Underground Trays

LT SOLAR AC CABLE:

Class 2 Aluminium conductor insulated with XLPE, PVC ST2 inner sheathed, GI round/strip wire Armoured and outer sheathed with UV Stabilised PVC St2 – in sizes 3/3.5C x 25 sq.mm to 400 sq.mm Application: Connection of Inverter to Transformer in Air / Underground Trays



HT SOLAR AC CABLE:

Class 2 Aluminium conductor, semicon covered, XLPE insulated, Semicon covered, Copper Taped, PVC ST2 inner sheathed, GI round/strip wire Armoured and sheathed with UV Stabilised PVC St2 compound – in sizes 3C x 35 sq.mm to 240 sq.mm Application: Connection of Transformer to Grid in Air/Underground Trays

FIRE SURVIVAL CABLES (FS)

CPRI / ERDA / BRE Global Tested Stranded Copper Conductor covered with layers of Mica Glass Tape, EPR / XLPE / Silicon / FR-XLPE insulated, cores laid up, extruded FRLS / LSOH inner sheathed, Unarmoured / GI Armoured, extruded FRLS / LSOH Outer sheathed Fire Survival Cables generally conforming to IEC 60331, BS 7846 & BS 6387 category CWZ.



- L. V. PVC & Xlpe Power Cables With Copper And Aluminium Conductor
- L. V. PVC & Xlpe Control Cables With Copper Conductor
- M. V. Power Cables Upto 33 KV
- EHV Cables From 66 KV To 220 KV
- M. V. / L. V. Aerial Bunched Cables (ABC)
- Zero Halogen Cables
- Fire Survival Cables (FS)
- Instrumentation Cables Screened / Unscreened
- Industrial Braided Cables
- Thermo Couple / Compensating Cables
- Lead Sheathed Cables
- Rubber Cables
- Railway Signalling Cables
- Telephone Cables – Dry & Jelly Filled
- Building Wires – FR / FRLS / FRZH / FRLF / FRFS
- Single Core Industrial Flexibles – PVC / FR / FRLS / FRZH / HRFR / HR / HR-FRLS / FRLF / FRFS
- Multi Core Industrial Flexible Cables
- Submersible Flat And Round Cables
- Submersible Wrapped Winding Wires
- Coaxial Cables
- LAN Cat-5e / Cat 6 Cables
- Welding Cables
- Solar AC / DC Cables
- Steel Braided Cables
- Speciality Cables – Suited For Marine /
- Oil & Gas / Extreme Fire Conditions /
- Highly Corrosive Environment / Traffic /
- Aircraft / Space Station / Automobiles



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SAFE RAHO. SAVE KARO.



25%*
POWER
SAVING

**TRIGUARD
TECHNOLOGY**

PREVENTS FIRE, SHOCK AND SHORT CIRCUIT.

*25% power savings reflected under standard test conditions.
Test conducted between Polycab wire and ordinary wire.

POLYCAB – BOUQUET OF PRODUCTS

LIGHT DUTY CABLES (LDC)

Electrolytic Copper Rod of high purity is accurately drawn on RBD and Fine Wire Drawing Machines and On-Line annealed to form basic copper conductors which are then bunched to the requisite size of cable required. Pressure extrusion on Quality Extrusion Lines ensures controlled insulation thickness on the multistranded conductor to ensure accurate overall diameter control

BUILDING WIRES

Energy Efficient Wires Range 0.75 sq.mm to 16 sq.mm with different Insulation properties

FR-FLAME RETARDANT

Single Core Multi-Stranded Copper conductor, FR PVC Insulated Wires with excellent Flame Retardant properties.



FRLS-FLAME RETARDANT LOW SMOKE

Single Core Multi-Stranded Copper conductor, FRLS PVC Insulated Wires with excellent Flame Retardant and Low Smoke properties.



FRZH-FLAME RETARDANT ZERO HALOGEN

Single Core Multi-Stranded Copper conductor, FRZH Insulated Wires with excellent Flame Retardant Low Smoke properties having ROHS compliance



FRLF-FLAME RETARDANT LEAD FREE

Single Core Multi-Stranded Copper conductor, FRLF PVC Insulated Wires with excellent Flame Retardant properties having ROHS compliance supporting Green revolution



FRFS-FLAME RETARDANT FIRE SURVIVAL

Single Core Multi-Stranded Copper conductor, Mica tape insulated with special compound having excellent Flame Retardance and having continuous circuit integrity for 3 hours at 950°C in case of fire.



TELEPHONE CABLES

Range: 1 Pair to 100 Pair x 0.40 mm, 0.50 mm and 0.63mm in solid bare conductor with HDPE Insulation and Flame Retardant Jacketing having lower cross talk and attenuation



LAN CABLES

Range: Cat 5e & Cat 6 – Twisted Pair, Insulated with High Quality Polyethylene and Unshielded Light Grey PVC Jacket with Improved Fire Retardant properties, Low attenuation and crosstalk and Low Structural return loss.



SPEAKER CABLES

Range: Twin Parallel 23/36, 23/38, 40/36 and 40/38 – Polycab provides Speaker Cables with high quality oxygen free copper conductor ensuring excellent sound quality for your expensive Sound system. Selecting the right gauge, length, and type of speaker wire for your system helps avoiding mismatch with your sound system.



CO-AXIAL CABLES

Range: RG 59 F, RG 6 F, RG 6 CCS RG 11 F and RG 11 F CCS – Nitrogen Gas Injected polyethylene foam insulation, composite Al foil laminated and Al alloy braided for low attenuation with minimum structured return loss under extreme weather conditions to give excellent signal quality giving clear reception on higher bandwidth covering more than 100 Channels



CCTV CABLES

Polycab CCTV cables are offered in two types namely 4 + 1 CCTV Cable and 3 + 1 CCTV Cable. Coaxial cable forms the carrier for video signal and the other 4 cores or 3 cores form the carriers for power. Coaxial Cable is designed to transmit the complete video frequency range with minimum distortion or attenuation, making it an excellent choice for CCTV.



SINGLE CORE INDUSTRIAL FLEXIBLES

Energy Efficient Wires Range 0.50 sq.mm to 1000 sq.mm in Class 5 copper conductors with different Insulation properties

PVC

Single Core Multi-Stranded Copper conductor, PVC Insulated Wires with normal Flame Retardant properties



HRFR-HEAT RESISTANT FLAME RETARDANT

Single Core Multi-Stranded Copper conductor, HRFR PVC Insulated Wires with Heat Resistant and excellent Flame Retardant properties



HR-HEAT RESISTANT

Single Core Multi-Stranded Copper conductor, HR PVC Insulated Wires with Heat Resistant and normal Flame Retardant properties

HR-FRLS

Single Core Multi-Stranded Copper conductor, HR-FRLS PVC Insulated Wires with Heat Resistant, excellent Flame Retardant and Low Smoke properties



MULTI CORE INDUSTRIAL FLEXIBLE CABLES

2 Core to 61 Core x 0.50sq.mm to 4sq.mm, 2 Core to 4 Core from 6sq.mm to 120sq.mm in Class 5 copper conductors with different Insulation and sheathing properties



SUBMERSIBLE FLAT AND ROUND CABLES

Flat : 3 Core x 1.50 sq.mm to 95 sq.mm, Round : 3 Core and 4 Core x 1.5 sq.mm to 120 sq.mm in Class 5 copper conductors with PVC/XLPE Insulation and PVC/PVC St2 sheathing properties



SUBMERSIBLE WRAPPED WINDING WIRES

Single Solid Copper conductor from 0.6 to 3.0 mm wrapped with Superior Grade HR grade BOPP tape with High Abrasion resistance



WELDING CABLES

Range: 1C x 16 to 95 sq.mm - Flame retardant elastomeric insulation with Class 6 copper conductor for greater flexibility and resistant to heat and oil



RUBBER CABLES

Range: 1C to 61 cores from 0.50 sq.mm upto 2.5 sq.mm and sizes 0.5sq.mm to 630 sq.mm – Annealed tinned Copper conductor- Class 5, Melinex taped Ethylene Propylene Rubber/Silicon insulated, Polychloroprene HD HOFr PCP/CSP/Silicon rubber sheathed 1.1 kV grade, Fire Retardant, oil and ozone resistant, heat resistant, rubber cables conforming to IS 9968 Part -1 : 1988



SPECIALITY CABLES

Suited for various applications such as :

- Marine, Oil & Gas (offshore & Onshore)
- Extreme Fire Conditions
- Highly Corrosive Environment
- Traffic Signalling
- Aircraft
- Space Station
- Automobiles
- Anti-theft Cable
- VVF Cable

