

POLYCAB

YOUR CONNECTION TO A SAFER FUTURE

HOUSE WIRES & CABLES CATALOGUE



ABOUT POLYCAB INDIA LTD.

Polycab India Limited (PIL) is India's largest manufacturer of Wires and Cables and one of the fastest growing FMEG companies with a consolidated turnover of INR 180+ Bn in FY24. PIL is at the forefront of providing innovative, safe and energy efficient products to a diverse set of customers via a strong distribution network of 3,800+ authorized dealers and 205,000+ retail outlets. PIL's business operations span across India through 28 manufacturing facilities, 13 offices and 29 warehouses. PIL has also served customers in 79 countries globally. PIL's 4,800+ employees are dedicated to upholding robust governance practices, preserving a customer centric culture, having a purpose to serve the communities, and imbibing a genuine sense of ecological consciousness. For further information, please visit www.polycab.com



INDIA'S WIDEST RANGE OF WIRES & CABLES

We manufacture and sell a diverse range of wires and cables and our key products in this segment are power cables, control cables, instrumentation cables, solar cables, building wires, flexible cables, flexible single/multi core cables, communication cables and others including welding cables, submersible flat and round cables, rubber cables, overhead conductors, railway signalling cables and specialty cables. We strive to deliver customized and innovative products with speed and quality service. Our production process is designed to ensure quality while delivering the ability to produce complex electrical products on short timeframes to meet our customers' needs.



INNOVATION & SUSTAINABILITY

Polycab's house wires epitomize innovation and sustainability. We've invested heavily in research and development to create products that cater to our customers' dynamic needs while maintaining a strong commitment to safety and the environment. Polycab house wires are made from lead free non-carcinogenic raw materials. They meet stringent European norms of RoHS and REACH compliance. Our R&D team is dedicated to pioneering ground-breaking solutions, with a focus on customer safety. We're proud to have engineered insulating compounds that ensure safety during fire emergencies and also possess a high oxygen index and low smoke properties to set up a new standard for safety and environmental responsibility.



QUALITY FOCUS

Our manufacturing facilities are accredited with quality management system certificates for compliance with ISO 9001, ISO 14001 and OHSAS 18001 requirements.

Our products are also certified to be compliant with various national and international quality standards including Bureau of Indian Standards 'BIS', British Approvals Service for Cables 'BASEC', US Underwriters Laboratory, FQC and international electrotechnical commission 'IEC'.





POLYCABMAXIMA+

EXTRA SAFE,
LOW SMOKE WIRES

Green Wire HR FR-LSH LF

POLYCABMAXIMA+

Single Core HR FR-LSH LF Unsheathed Cable of Voltage Grade 1100V Conforming to IS 694 - 2010

Product Code	Nominal cross-sectional Area	No. of Strand/max. dia. of each strand	Nominal insulation thickness	Approx. overall diameter	Maximum DC conductor resistance at 200 C	*Current carrying capacity 2 cables in single phase	
						Reference Method B (enclosed in conduit on a wall or in trunking etc.)	Reference Method C (Clipped direct)
	mm ²	No./mm	mm	mm	Ω/km	Amp.	Amp.
LDIS09CYUAYL001C.75S	0.75	24/0.21	0.6	2.25	26	8.0	8.54
LDIS09CYUAYL001C001S	1.0	14/0.31	0.6	2.44	18.1	13.5	14.64
LDIS09CYUAYL001C1.5S	1.5	22/0.31	0.7	2.9	12.1	17.1	19.52
LDIS09CYUAYL001C2.5S	2.5	36/0.31	0.8	3.52	7.41	23.2	26.84
LDIS09CYUAYL001C004S	4.0	56/0.31	0.8	3.95	4.95	31.2	34.8
LDIS09CYUAYL001C006S	6.0	84/0.31	0.8	4.48	3.30	37.2	44.4

Ambient temperature 40°C | *Max. Operating temperature 85°C

POLYCAB PVC INSULATED SINGLE CORE UNSHEATHED INDUSTRIAL (MULTISTRAND) CABLES - HEAT RESISTANT FLAME RETARDANT LOW SMOKE LOW HALOGEN - LEAD FREE CONFORMING TO IS-694:2010 WITH BRIGHT ANNEALED ELECTROLYTIC BARE COPPER CONDUCTOR OF VOLTAGE GRADE 1100 VOLTS

FEATURES


LOW SMOKE
DURING EXTREME
FIRES


LOW TOXIC
FUMES


20% HIGHER
HEAT RESISTANCE


LEAD FREE
PVC INSULATION


RODENT
PROTECTION


MOISTURE
RESISTANT


HIGH ABRASION
RESISTANCE


ENERGY SAVING
CONSTRUCTION

 FLAMESTOP
TECHNOLOGY

REACH
COMPLIANT

RoHS
COMPLIANT

99.97%
HIGH PURITY
COPPER



POLYCAB SUPREMA

E-BEAM WIRES FOR LONG-LASTING SAFETY

HR FR LF

POLYCAB SUPREMA

Single Core E-BEAM HR FR LF PVC Insulated Unsheathed Cable of Voltage Grade 1100V Conforming to IS 694 - 2010

Product Code	Nominal cross-sectional Area	No. of Strand/max. dia. of each strand	Nominal insulation thickness	Approx. overall diameter	Maximum DC conductor resistance at 200 c	Current carrying capacity 2 cables in single phase	
						Reference Method B (enclosed in conduit on a wall or in trunking etc.)	Reference Method C (Clipped direct)
	mm ²	No./mm	mm	mm	Ω/km	Amp.	Amp.
LDIS09CNUANF001C.75S	0.75	24/0.21	0.6	2.25	26	15	19
LDIS09CNUANF001C001S	1.0	32/0.21	0.6	2.4	19.5	18	23
LDIS09CNUANF001C1.5S	1.5	30/0.26	0.6	2.86	13.3	24	30
LDIS09CNUANF001C2.5S	2.5	50/0.26	0.7	3.48	7.98	33	41
LDIS09CNUANF001C004S	4.0	56/0.31	0.8	3.95	4.95	45	55
LDIS09CNUANF001C006S	6.0	84/0.31	0.8	4.48	3.3	58	71

Ambient temperature 40°C | *Max. Operating temperature 105°C

POLYCAB PVC INSULATED SINGLE CORE UNSHEATHED E-BEAM TECHNOLOGY INDUSTRIAL (MULTISTRAND) CABLES – HEAT RESISTANT FLAME RETARDANT (HR FR) CONFORMING TO IS 694:2010 WITH BRIGHT ANNEALED ELECTROLYTIC BARE COPPER CONDUCTOR OF VOLTAGE GRADE 1100 VOLTS

FEATURES

 50% HIGHER HEAT RESISTANCE	 85% HIGHER CURRENT CAPACITY	 60 YEAR LIFE	 NO MELT/ NO-D RIP INSULATION	 OUTSTANDING MOISTURE RESISTANCE	 FIRE SAFETY	 LEAD FREE	 HIGH ABRASION RESISTANCE
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REACH
COMPLIANT

RoHS
COMPLIANT

99.97%
HIGH PURITY
COPPER



POLYCABOPTIMA+

HIGH QUALITY MATERIALS,
POWER SAVING DESIGN

LF FR

POLYCABOPTIMA+

Single Core FR PVC Insulated Unsheathed Cable of Voltage Grade 1100V Conforming to IS 694 - 2010

Product Code	Nominal cross-sectional Area	No. of Strand/max. dia. of each strand	Nominal insulation thickness	Approx. overall diameter	Maximum DC conductor resistance at 200 C	*Current carrying capacity 2 cables in single phase	
						Reference Method B (enclosed in conduit on a wall or in trunking etc.)	Reference Method C (Clipped direct)
	mm ²	No./mm	mm	mm	Ω/km	Amp.	Amp.
LDIS09CYUAYF001C.75S	0.75	24/0.21	0.6	2.25	26	7.0	7.5
LDIS09CYUAYF001C001S	1.0	14/0.31	0.6	2.44	18.1	11.6	12.6
LDIS09CYUAYF001C1.5S	1.5	22/0.31	0.7	2.9	12.1	14.7	16.8
LDIS09CYUAYF001C2.5S	2.5	36/0.31	0.8	3.52	7.41	20	23.1
LDIS09CYUAYF001C004S	4.0	56/0.31	0.8	3.95	4.95	26	29
LDIS09CYUAYF001C006S	6.0	84/0.31	0.8	4.48	3.30	31	37

Ambient temperature 40°C | *Max. Operating temperature 70°C

POLYCAB PVC INSULATED SINGLE CORE UNSHEATHED INDUSTRIAL (MULTISTRAND) CABLES - LEAD FREE FLAME RETARDANT (LF FR) CONFORMING TO IS-694:2010 WITH BRIGHT ANNEALED ELECTROLYTIC BARE COPPER CONDUCTOR OF VOLTAGE GRADE 1100 VOLTS

FEATURES


FLAME
RETARDANT


LEAD FREE
PVC INSULATION


RODENT
PROTECTION


MOISTURE
RESISTANT


HIGH ABRASION
RESISTANCE


ENERGY SAVING
CONSTRUCTION

REACH
COMPLIANT

RoHS
COMPLIANT

99.97%
HIGH PURITY
COPPER



POLYCABPRIMMA

FLAME RETARDANT LEAD FREE WIRES

LF FR

POLYCABPRIMMA

Single Core FR PVC Insulated Unsheathed Cable of Voltage Grade 1100V Conforming to IS 694 - 2010

Product Code	Nominal cross-sectional Area	No. of Strand/max. dia. of each strand	Nominal insulation thickness	Approx. overall diameter	Maximum DC conductor resistance at 20°C	*Current carrying capacity 2 cables in single phase	
						Reference Method B (enclosed in conduit on a wall or in trunking etc.)	Reference Method C (Clipped direct)
	mm ²	No./mm	mm	mm	Ω/km	Amp.	Amp.
LDIS09CYUAYF001C.75S	0.75	24/0.21	0.6	2.25	26	7.0	7.5
LDIS09CYUAYF001C001S	1.0	32/0.21	0.6	2.4	19.5	11	12
LDIS09CYUAYF001C1.5S	1.5	30/0.26	0.6	2.86	13.3	14	16
LDIS09CYUAYF001C2.5S	2.5	50/0.26	0.7	3.48	7.98	19	22
LDIS09CYUAYF001C004S	4.0	56/0.31	0.8	3.95	4.95	26	29
LDIS09CYUAYF001C006S	6.0	84/0.31	0.8	4.48	3.30	31	37

Ambient temperature 40°C | *Max. Operating temperature 70°C

POLYCABPRIMMA PVC INSULATED SINGLE CORE UNSHEATHED INDUSTRIAL (MULTISTRAND) CABLES - LEAD FREE FLAME RETARDANT (LF FR) CONFORMING TO IS-694:2010 WITH BRIGHT ANNEALED ELECTROLYTIC BARE COPPER CONDUCTOR OF VOLTAGE GRADE 1100 VOLTS

FEATURES


**99.97%
HIGH PURITY
COPPER**


**FLAME
RETARDANT**


**LEAD FREE
PVC INSULATION**


**RODENT
PROTECTION**


**MOISTURE
RESISTANT**


**HIGH ABRASION
RESISTANCE**


**EASY TO PULL
INSIDE CONDUITS**

**REACH
COMPLIANT**

**RoHS
COMPLIANT**



ETIRA

TRUSTED QUALITY, ASSURED PERFORMANCE

FR

ETIRA

Single Core FR PVC Insulated Unsheathed Cable of Voltage Grade 1100V Conforming to IS 694 - 2010

Product Code	Nominal cross-sectional Area	No. of Strand/max. dia. of each strand	Nominal insulation thickness	Approx. overall diameter	Maximum DC conductor resistance at 200 C	*Current carrying capacity 2 cables in single phase	
						Reference Method B (enclosed in conduit on a wall or in trunking etc.)	Reference Method C (Clipped direct)
	mm ²	No./mm	mm	mm	Ω/km	Amp.	Amp.
LDIS09CYUAYF001C.75S	0.75	24/0.21	0.6	2.25	26	7.0	7.5
LDIS09CYUAYF001C001S	1.0	32/0.21	0.6	2.4	19.5	11	12
LDIS09CYUAYF001C1.5S	1.5	30/0.26	0.6	2.86	13.3	14	16
LDIS09CYUAYF001C2.5S	2.5	50/0.26	0.7	3.48	7.98	19	22
LDIS09CYUAYF001C004S	4.0	56/0.31	0.8	3.95	4.95	26	29
LDIS09CYUAYF001C006S	6.0	84/0.31	0.8	4.48	3.30	31	37

Ambient temperature 40°C | *Max. Operating temperature 70°C

ETIRA PVC INSULATED SINGLE CORE UNSHEATHED INDUSTRIAL (MULTISTRAND) CABLES - FLAME RETARDANT (FR) CONFORMING TO IS-694:2010 WITH BRIGHT ANNEALED ELECTROLYTIC BARE COPPER CONDUCTOR OF VOLTAGE GRADE 1100 VOLTS

FEATURES



FLAME RETARDANT



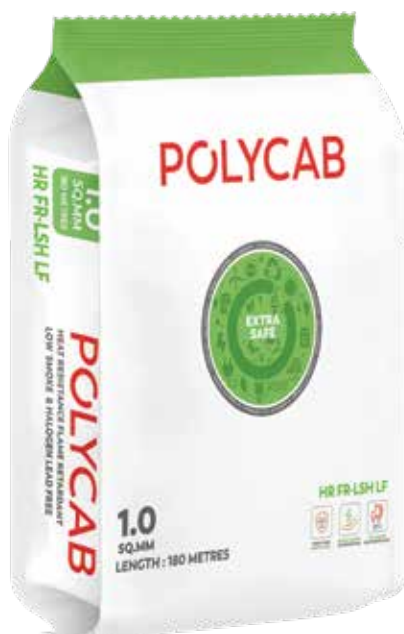
HIGH PURITY
COPPER



EASY TO PULL
INSIDE CONDUITS

REACH
COMPLIANT

RoHS
COMPLIANT



180M POUCH PACKAGING

HR FR LSH LF

POLYCAB HR FR LSH LF

Single Core HR FR-LSH LF Unsheathed Cable of Voltage Grade 1100V Conforming to IS 694 - 2010

Nominal Crossectional Area	No. of Strand/ max. dia of each strand	Nominal Insulation Thickness	Approx. Overall Diameter	Maximum DC conductor resistance at 20°C	*Current Carrying Capacity 2 cables in single phase	
					Reference Method B (enclosed in conduit on a wall or in trunking etc.)	Reference Method C (Clipped Direct)
0.75	24/0.21	0.6	2.25	26	8	8.5
1.0	32/0.21	0.6	2.4	19.5	12.7	13.9
1.5	30/0.26	0.6	2.86	13.3	16.2	18.5
2.5	50/0.26	0.7	3.48	7.98	22	25.5
4.0	56/0.31	0.8	3.95	4.95	31.2	34.8
6.0	84/0.31	0.8	4.48	3.3	37.2	44.4

Ambient temperature 40°C | *Max. Operating temperature 85°C

POLYCAB PVC INSULATED SINGLE CORE UNSHEATHED INDUSTRIAL (MULTISTRAND) CABLES - HEAT RESISTANT FLAME RETARDANT LOW SMOKE LOW HALOGEN - LEAD FREE CONFORMING TO IS-694:2010 WITH BRIGHT ANNEALED ELECTROLYTIC BARE COPPER CONDUCTOR OF VOLTAGE GRADE 1100 VOLTS

FEATURES


LOW SMOKE
DURING EXTREME
FIRES


20% HIGHER
HEAT RESISTANCE


LOW TOXIC
FUMES


LEAD FREE
PVC INSULATION


HIGH ABRASION
RESISTANCE

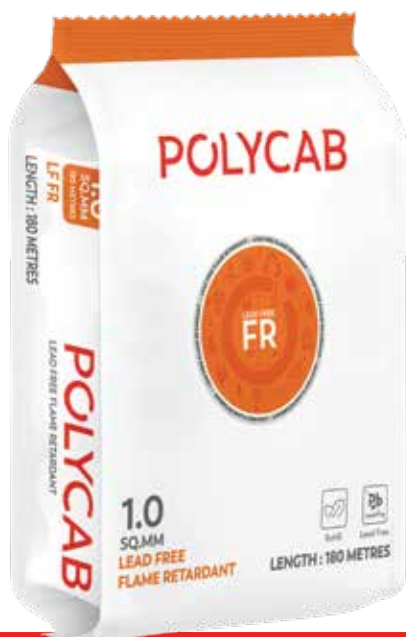

RODENT
PROTECTION


FLAMESTOP
TECHNOLOGY

REACH
COMPLIANT

RoHS
COMPLIANT

99.97%
HIGH PURITY
COPPER



180M POUCH PACKAGING

LF FR

POLYCAB LF FR

Single Core FR PVC Insulated Unsheathed Cable of Voltage Grade 1100V Conforming to IS 694 - 2010

Nominal Crosssectional Area	No. of Strand/ max. dia of each strand	Nominal Insulation Thickness	Approx. Overall Diameter	Maximum DC conductor resistance at 20° C	*Current Carrying Capacity 2 cables in single phase	
					Reference Method B (enclosed in conduit on a wall or in trunking etc.)	Reference Method C (Clipped Direct)
0.75	24/0.21	0.6	2.25	26	7	7.5
1.0	32/0.21	0.6	2.4	19.5	11	12
1.5	30/0.26	0.6	2.86	13.3	14	16
2.5	50/0.26	0.7	3.48	7.98	19	22
4.0	56/0.31	0.8	3.95	4.95	26	29
6.0	84/0.31	0.8	4.48	3.3	31	37

Ambient temperature 40°C | *Max. Operating temperature 70°C

POLYCAB PVC INSULATED SINGLE CORE UNSHEATHED INDUSTRIAL (MULTISTRAND) CABLES - LEAD FREE FLAME RETARDANT (LF FR) CONFORMING TO IS-694:2010 WITH BRIGHT ANNEALED ELECTROLYTIC BARE COPPER CONDUCTOR OF VOLTAGE GRADE 1100 VOLTS

FEATURES


**FLAMESTOP
TECHNOLOGY**


**LEAD FREE
PVC INSULATION**


**RODENT
PROTECTION**

**REACH
COMPLIANT**

**RoHS
COMPLIANT**

**99.97%
HIGH PURITY
COPPER**



SUBMERSIBLE CABLES

ENGINEERED FOR EVERY ENVIRONMENT

POLYCAB 3C FLAT SUBMERSIBLE CABLES

POLYCAB PVC / XLPE INSULATED AND PVC SHEATHED INDUSTRIAL 3 CORE FLAT SUBMERSIBLE CABLE WITH BARE BUNCHED COPPER CONDUCTOR FOR SUBMERSIBLE PUMP MOTORS WITH VOLTAGE GRADE 1100 VOLTS AS PER IS:694/2010

FEATURES



TOUGH & FLEXIBLE
CABLES



EXCELLENT
MOISTURE RESISTANCE



HIGHEST QUALITY
ELECTROLYTIC
GRADE COPPER



HIGH ABRASION
RESISTANCE



TELEPHONE WIRE

DIAL FOR CLEARER CONVERSATIONS

POLYCAB INDUSTRIAL TELEPHONE (SWITCHBOARD) CABLES

POLYCAB HIGH CONDUCTIVITY SOLID ANNEALED BARE COPPER INDUSTRIAL TELEPHONE (SWITCHBOARD) CABLES WITH HIGH DENSITY POLYETHYLENE INSULATION, PAIRED AND SHEATHED WITH HIGH OXYGEN INDEX, FIRE RETARDANT, PVC COMPOUND, GREY OUTER SHEATH GENERALLY CONFORMING ITD SPECIFICATION

FEATURES



SPECIAL GRADE
HIGH DENSITY POLYETHYLENE
INSULATION



FLAME RETARDANT
COMPOUND JACKET



CLEAR VOICE QUALITY
AND CAN BE USED IN
DRY AND DAMP AREA



COAXIAL CABLES

TRUE TO LIFE PICTURE &
SOUND QUALITY

POLYCAB INDUSTRIAL JELLY FLOODED CO-AXIAL CABLES

POLYCAB GAS INJECTED PHYSICAL POLYETHYLENE FOAM INSULATION WITH LAMINATED ALUMINIUM TAPE AND ALUMINIUM WIRE BRAID, JELLY FLOODED PVC BLACK JACKETED INDUSTRIAL COAXIAL CABLES.

FEATURES



MINIMUM LOSS DUE
TO LOW ATTENUATION
IN SIGNAL STRENGTH
FOR BETTER RECEPTION



HIGHER
BANDWIDTH:
LARGER NETWORK
COVERAGE



LESS
ELECTROMAGNETIC
INTERFERENCE DUE
TO HIGH SHIELDING
EFFICIENCY



MINIMAL
STRUCTURAL
RETURN LOSS



MOISTURE
PROOF



PHYSICAL
FOAM
INSULATION



CCTV CABLES

GUARDING EVERY VIEW,
SUPERIOR QUALITY

POLYCAB CCTV CABLES

COAXIAL CABLES CONSISTING OF SOLID ANNEALED BARE COPPER CONDUCTOR OF ELECTROLYTIC GRADE WHICH IS INSULATED WITH PHYSICAL FOAM PE DIELECTRIC, ALUMINIUM FOIL TAPED, JELLY FLOODED, BRAIDED WITH ALLOY AND THEN JACKETED WITH UV RESISTANT PVC.

FEATURES



MINIMAL SIGNAL
DISTORTION OR
ATTENUATION



DESIGNED FOR
COMPLETE VIDEO
FREQUENCY RANGE



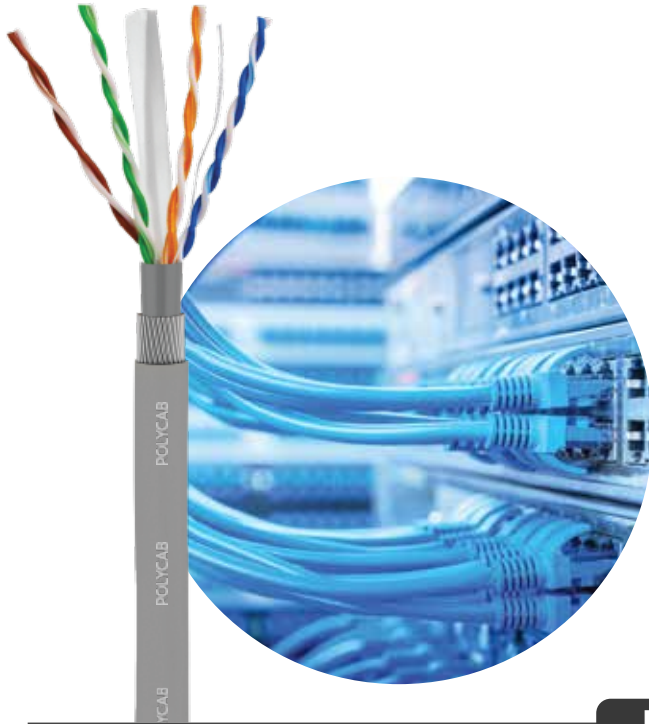
IDEAL FOR BOTH
INDOOR & OUTDOOR
APPLICATIONS



NO REFLECTION &
BEST PICTURE
QUALITY



ALLOY BRAIDING
FOR SUPERIOR
PERFORMANCE



LAN CABLES

EMPOWERING DATA FLOW

POLYCAB LAN (NETWORKING) CABLES

CONDUCTOR IS MADE OF ELECTROLYTIC PLAIN ANNEALED SOLID COPPER OF SIZE 23 AWG, HIGH QUALITY POLYETHYLENE INSULATED WITH SUITABLE COLOUR CODE, TWISTED PAIR. UNSHIELDED LIGHT GREY PVC JACKETED WITH IMPROVED FIRE CHARACTERISTIC MEETING REQUIREMENTS OF TIA/EIA/568-C.2

FEATURES



**SUPPORTS GIGABIT
ETHERNET STANDARD**



**HIGHER BANDWIDTH
AND LOW SIGNAL
LOSS**



**EFFECTIVE TRANSMISSION
OF HIGH SPEED DATA**



**HIGH QUALITY VIDEO
AND VOICE STREAMING**



SPEAKER WIRE

CRYSTAL CLEAR SOUND

POLYCAB INDUSTRIAL SPEAKER WIRES

SPEAKER WIRES (OXYGEN FREE COPPER CONDUCTOR)
(RATE IN RS. PER 90 MTR)

FEATURES



**VIRGIN GRADE
PVC RESIN**



**LOW POWER LOSS WHILE USING
IN HI-FI SURROUND SOUND**



INSTANT **SCAN** INSTANT **MONEY**

Join the EXPERTS APP by scanning the QR code.
Only for retailers and electricians.

STEPS TO EARN



REGISTER



SCAN



EARN



To Register yourself in the **Polycab Experts Loyalty Program**

Reach out to your Polycab Sales Team Family call on **1800 419 1091**

TERMS AND CONDITIONS APPLY

- The above rates are exclusive of GST which shall be charged extra.
- This pricelist is subject to change without notice.
- As per international practice which is also adopted by the Bureau of Indian Standards, the diameter of the conductor shown herein is nominal; the size of the conductor is determined by its resistance. The construction of the conductor is as per market convention and should be treated as a guideline only. It may vary within the limits of IS 8130:1994 with its related classes & tables.

POLYCAB

CORPORATE OFFICE

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