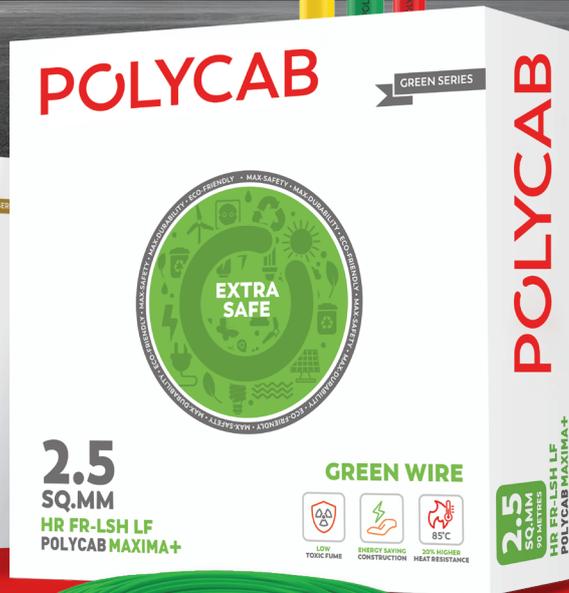
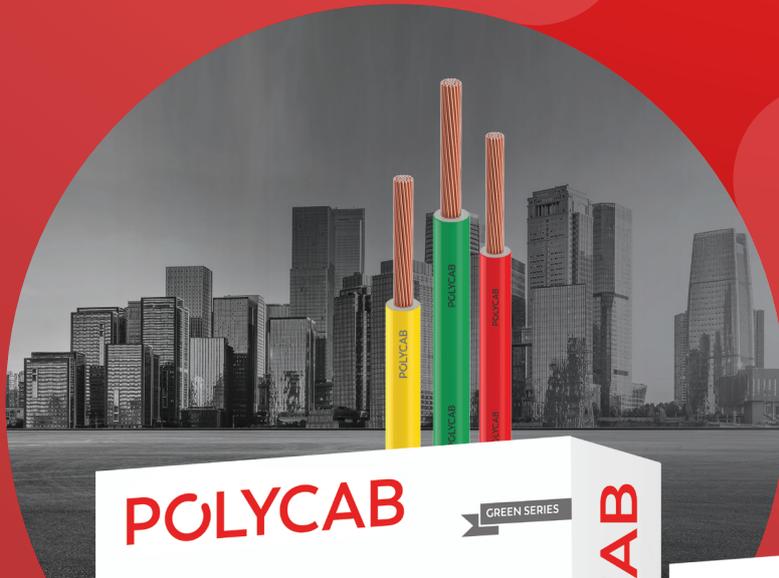


# YOUR CONNECTION TO A SAFER FUTURE

HOUSE WIRES & CABLES CATALOGUE



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## ABOUT POLYCAB INDIA LTD.

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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](http://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 <sup>2</sup>	No./mm	mm	mm	Ω/km	Amp.	Amp.
LDIS09CYUAYL00IC.75S	0.75	24/0.21	0.6	2.25	26	8.0	8.54
LDIS09CYUAYL00IC001S	1.0	14/0.31	0.6	2.44	18.1	13.5	14.64
LDIS09CYUAYL00IC1.5S	1.5	22/0.31	0.7	2.9	12.1	17.1	19.52
LDIS09CYUAYL00IC2.5S	2.5	36/0.31	0.8	3.52	7.41	23.2	26.84
LDIS09CYUAYL00IC004S	4.0	56/0.31	0.8	3.95	4.95	31.2	34.8
LDIS09CYUAYL00IC006S	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 <sup>2</sup>	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-DRIP INSULATION

  
OUTSTANDING  
MOISTURE RESISTANCE

  
FIRE  
SAFETY

  
LEAD  
FREE

  
HIGH ABRASION  
RESISTANCE

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 <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	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



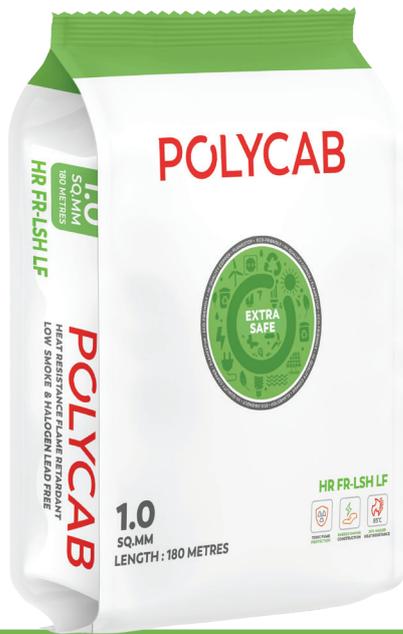
HIGH PURITY COPPER



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 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	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

 85°C  
**20% HIGHER**  
HEAT RESISTANCE

  
**LOW TOXIC**  
FUMES

  
**LEAD FREE**  
PVC INSULATION

  
**HIGH ABRASION**  
RESISTANCE

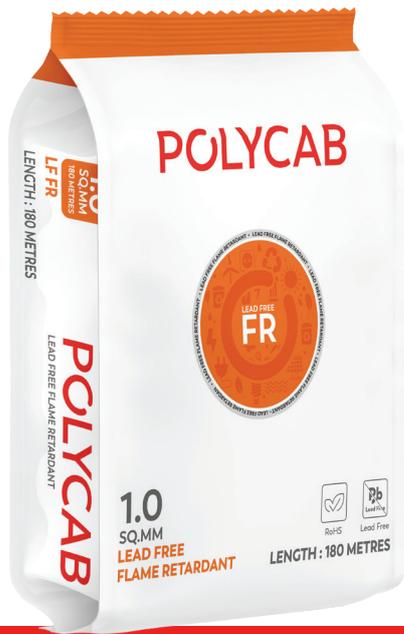
  
**RODENT**  
PROTECTION

 **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



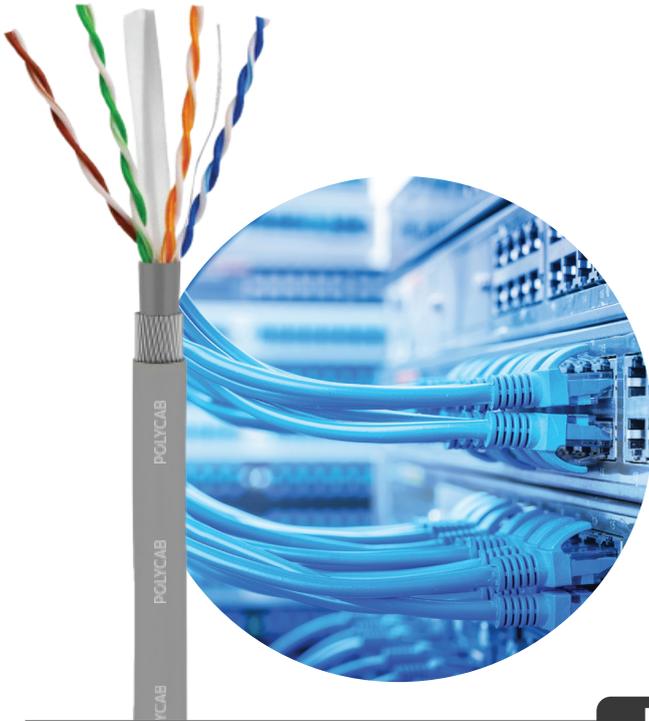
IDEAL FOR BOTH INDOOR & OUTDOOR APPLICATIONS



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

POLYCAB INDIA LIMITED

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**Ph.: +91-22-2432 7070/4, 6735 1400**

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