



Finally,  
a wire  
that cares!

**20%**

HIGHER CURRENT  
CARRYING CAPACITY  
THAN FR WIRES

TEMPERATURE RATING  
85°C TYPE - C

**Polycab**   
**Green Wire.**



(90–180 meters)



## Polycab Green Wire

High quality electrical wiring is like the veins in a human body, the perfect lifeline of any building. Now more than ever before, we need wires that can ensure power efficiency, deliver greater protection and is planet-friendly too. Polycab Green Wire is the answer to this search. The result of Polycab's relentless pursuit to make lives easier and safer. Polycab Green Wire meets stringent European norms in environmental sustainability and cable safety.

### Polycab Green Wire's distinct features make it a one-of-a-kind product:



#### **Eco-friendly:**

Manufactured using improved grade raw materials that can be recycled & ensure low carbon emission



#### **High thermal stability:**

Leads to high heat resistance and a longer product lifetime



#### **Extra safe:**

Its excellent flame retardant properties make it a life-saver



#### **Advance technology application:**

The Green Wire insulation is the result of continuous innovation in the field of polymers at Polycab's ultramodern R&D centre, certified by the Indian Ministry of Science & Technology



#### **Higher current carrying capacity:**

Compared to FR Wires, superior grade raw materials are used that ensure higher current carrying capacity and greatly enhance the power efficiency



#### **Low smoke density:**

This, along with reduced toxic fumes ensures better visibility, thus enabling faster evacuation in the case of an electric fire



#### **Longer life:**

Advanced raw materials ensure greater product stability and long lifetime



#### **Manufactured inside a green zone:**

To avoid external contamination



#### **Pro-life:**

Polycab Green Wire is free of cancer inducing hazardous materials (Cadmium and lead free) RoHS (Restriction of Hazardous Substances) & REACH compliant

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Little wonder that Polycab Green Wire has become the preferred choice of conscious consumers and industry professionals known for their uncompromising zeal.

## Manufacturing Process

Manufactured at highly integrated Polycab plants in Halol and Daman, equipped with state-of-the-art machinery and crafted by trained and committed professionals; Polycab Green Wire meets every global standard and raises the bar too. All raw materials are first subjected to stringent tests at Polycab's NABL accredited in-house laboratories. This ensures that hazardous and lead contaminated materials never enter the factory floor. Polycab Green Wire once again demonstrates Polycab's leadership role in producing environmentally sustainable products without compromising on its high standards of safety and performance.

Polycab Green Wire is a well thought product that supports sustainable living by saving energy and reducing electrical waste.

### Packing Length = 90 - 180 mtrs

#### POLYCAB, SINGLE CORE, HEAT RESISTANT, FLAME RETARDANT, LOW SMOKE & HALOGEN PVC INSULATED INDUSTRIAL CABLE IN 1100 VOLTAGE GRADE

Nominal area of conductor	No. of strands/Maximum diameter of each strand	Thickness of Insulation	Approx. overall diameter	Current carrying capacity rating	Resistance (Max.) per km. @ 20°C
Sq. mm	Nos. / mm	mm	mm	Amps	Ohms
0.75	24/0.21	0.6	2.25	8.54	26.0
1	14/0.31	0.7	2.60	14.64	18.1
1.5	22/0.31	0.7	2.85	19.52	12.1
2.5	36/0.31	0.8	3.50	26.84	7.41
4	56/0.31	0.8	3.95	34.8	4.95
6	84/0.31	0.8	4.45	44.4	3.30
10	80/0.41	1.0	5.80	61.2	1.91
16	126/0.41	1.0	6.90	81.6	1.21

### PERFORMANCE TABLE: CONVENTIONAL WIRE vs GREEN WIRE

Parameters	Conventional Wire	Green Wire
Current Rating	Meets the standard	Improved current rating
High voltage breakdown Resistance	Meets the standard	Improved HV resistance & safe
Insulation Resistance	Meets the Standard	Improved IR & low leakage current
Water Absorption	Meets the standard	Low absorption & safe for long term use
Chemical Resistance	Not mentioned in the standard	Improved chemical resistance & safe to use in hazardous zone
Flexing	Meets the standard	Improved flexing & high fatigue resistance
Fire Properties	Meets the specification	Performs better when exposed to the fire

## Regional & Branch Offices:

### EAST

**BHUBANESWAR** : A-167, Unit No. 102, First Floor, The Metropolis, Near Sparsh Hospital, Saheed Nagar, Bhubaneswar - 751007, Odisha. Tel. 0674 2549960

**GUWAHATI** : 4th Floor, Mayur Garden, Near ABC Bus Stop, G.S. Road, Guwahati - 781005, Assam, India.

**KOLKATA** : Unit No. 1108, 11th Floor, Godrej Genesis, Plot-XI, Block EP & GP Salt Lake, Sector - V, Kolkata - 700091.

**PATNA** : L-302, 303, Dumraon Palace, 3rd Floor, Fraser Road, Near Dakbangla Crossing, Patna - 800001.

**RANCHI** : Panchwati Tower Unit No. 3, Gr. Floor, Harmu Road, Ranchi - 834001. Tel. 0651 2284040

### NORTH

**MOHALI** : Unit No.B-424, Bestech Business Towers, Sector 66, Mohali, Punjab - 160055. Tel. 9811588257

**LUCKNOW** : Shalimar Square, Office No - 09, 126/31, B. N. Road, Lalbagh, Hazratganj, Lucknow - 226001. Tel. 0522 4022324

**NOIDA** : B9, 1st Floor, Sector - 3, Near Bajaj Bhawan, Noida - 201301. Tel. 0120 4848550

**DEHRADUN** : 57, GDG Tower, Adjoining Hotel Calista, Patel Nagar, Dehradun, Uttarakhand - 248001. Tel. 0135 2728758

**JAIPUR** : 501 & 502, 5th Floor, K.J City Tower, Plot No. E-2, Ashok Marg, Near Ahinsha Circle, C-Scheme, Jaipur, Rajasthan - 302001. Tel. 0141 2216097

### WEST

**AHMEDABAD** : 102-1st Floor, Hrishikesh, Nr. IDBI Bank Cross Road, Gulbai Tekra, Ahmedabad - 380006. Tel. 079 26301655

**INDORE** : B-12, New Siyaganj, Patthar Godam Road, Indore - 452003. Tel. 0731 4033357

### Corporate Office:

**POLYCAB INDIA LIMITED** (formerly known as 'Polycab Wires Limited')

Polycab House, 771, Mogul Lane, Mahim (W), Mumbai - 400 016, Maharashtra (India).

Ph.: +91-22-2432 7070/4, 6735 1400, Email: enquiry@polycab.com, Toll Free No.: 1800 267 0008, www.polycab.com

### WEST

**PUNE** : Off No. 36, Sangam Project Phase 2, Near RTO Pune, Near Sangam Bridge, Pune - 411001. Tel. 020 26058277

**RAIPUR** : 506, 5th Floor, Wallfort Ozone, Near Fafadih Chowk, Raipur - 492001. Tel. 0771 2582925, 4221686

**NAGPUR** : Shree Ganesh Enclave, Plot No. 12, 1st Floor, Near ST Stand, Ganeshpeth, Nagpur - 440018.

### SOUTH

**KOCHI** : 34/138 C, NH By-Pass Road, Edappally, Kochi - 682024. Tel. 0484 2803285

**BENGALURU** : B-78, No. 18, 4th Main Road, KSSIDC Industrial Estate, 6th Block, Rajajinagar, Bangalore - 560010. Tel. 080 23102172 / 8354

**HUBLI** : Shop No. 99 to 119, 4th floor, Satellite Complex, Koppikar Road, Hubli - 580020. Tel. 0836 4259866

**COIMBATORE** : Kaanchan, Gr. Floor, No. 9, North Huzur Road, Coimbatore - 641018. Tel. 0422 2305339

**CHENNAI** : Gee Gee Universal, 8th Floor, No. 2, Mc Nichols Road, 3rd Lane, Near Metha Hospital, Chetpet, Chennai - 600 031. Tel. 044 42817272

**SECUNDERABAD** : 208-209, 2nd Floor, Bhuvana Towers, S. D. Road, Secunderabad - 500003. Tel. 040 66326228

**VIJAYAWADA** : Plot No. 77, House No. 40-5/7-6, 3rd Cross, Municipal Employees Colony, Vijayawada - 520010. Tel. 0866 6601666

**VISAKHAPATNAM** : 3rd Floor, Krishna Enclave, Seethammapeta Main Road, Visakhapatnam - 530016.

**MADURAI** : Unit No.1, Part - D, A.R. Plaza / K.R.V Arcade, 2nd Floor, Door No. 16 & 17, North Veli Street, Madurai - 625001. Tel : 0452 - 4219553