



Welcome to Helly Cab Industries!

About us

In 1994, Mrs. Hansaben Maniya began her journey in the manufacturing sector by co-founding Helly Plast Industry as a partnership firm in Surat, Gujarat. The company quickly established itself as a reputable entity, earning prestigious certifications such as IS-1554 Part-1 and IS-7098 Part-1 from the Bureau of Indian Standards.

In 2019, Mrs. Maniya took a significant step forward by launching her individual manufacturing company, Helly Cab Industries. Since its inception, Helly Cab has rapidly emerged as one of the fastest-growing companies in Gujarat, specializing in the production of a diverse range of single and multicore PVC, ZFHR, HRFR, FRLS, ZHFR and FR wires and industrial cables.

Products applications

Helly Cab's products are known for their versatility and reliability, finding applications across various sectors, including: **[Real Estate, Control Panels, Machinery and Tools, Textile Industry, Diamond Industry, medical instrument and many more.]** Our products are utilized in nearly every industry, all under the stringent quality standards set by the Bureau of Indian Standards (BIS).

Fire Survival Cable

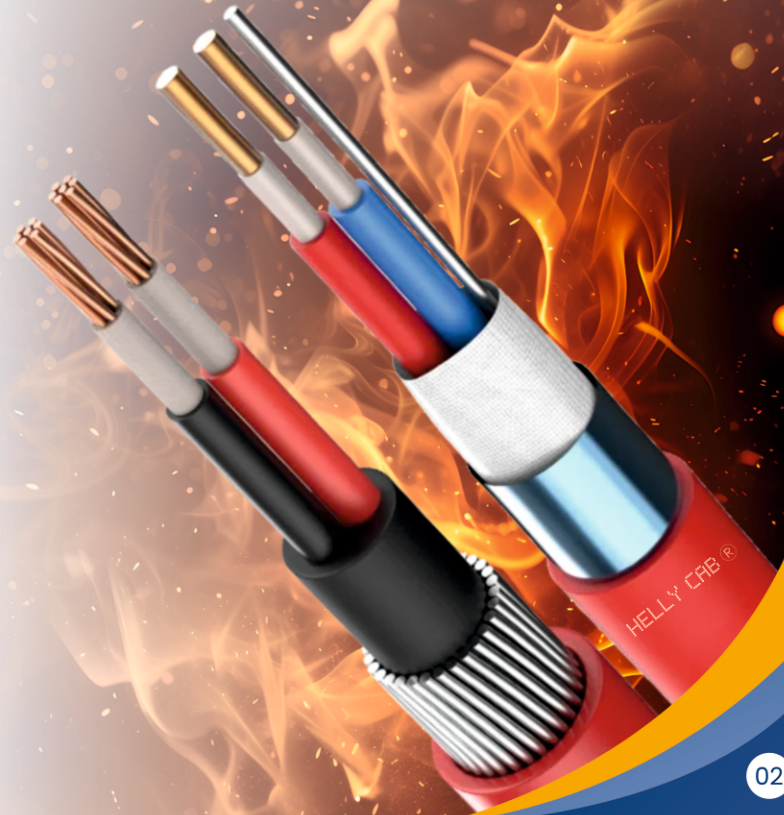
This cable are designed to maintain circuit integrity during and after a fire for a specified period. Here's a concise overview:

Features:

- Conductor: High-quality copper conductor.
- Insulation: Special type of PVC insulation Compound that can withstand high temperatures.
- Sheath: FRLS (Flame Retardant low smoke) outer sheath to reduce toxic fumes and smoke in case of fire.
- Fire Resistance: Designed to operate at elevated temperatures and survive fire.
- Applications: Critical safety systems like fire alarms, emergency lighting, power supply to fire pumps, and public address systems.
- These cables ensure continuous operation of vital systems during fire, helping in evacuation and emergency responses.

Range:

- Size, Color, Packaging: Manufacture as per customer's requirement



PVC House Wires/Industrial Wires – IS 694

Wire Construction:

PVC house wires consist of insulated conductors, usually made of copper or aluminum, surrounded by a protective PVC insulation / sheath. The PVC sheath provides excellent Electrical, mechanical and environmental Properties, ensuring safe and reliable operation.

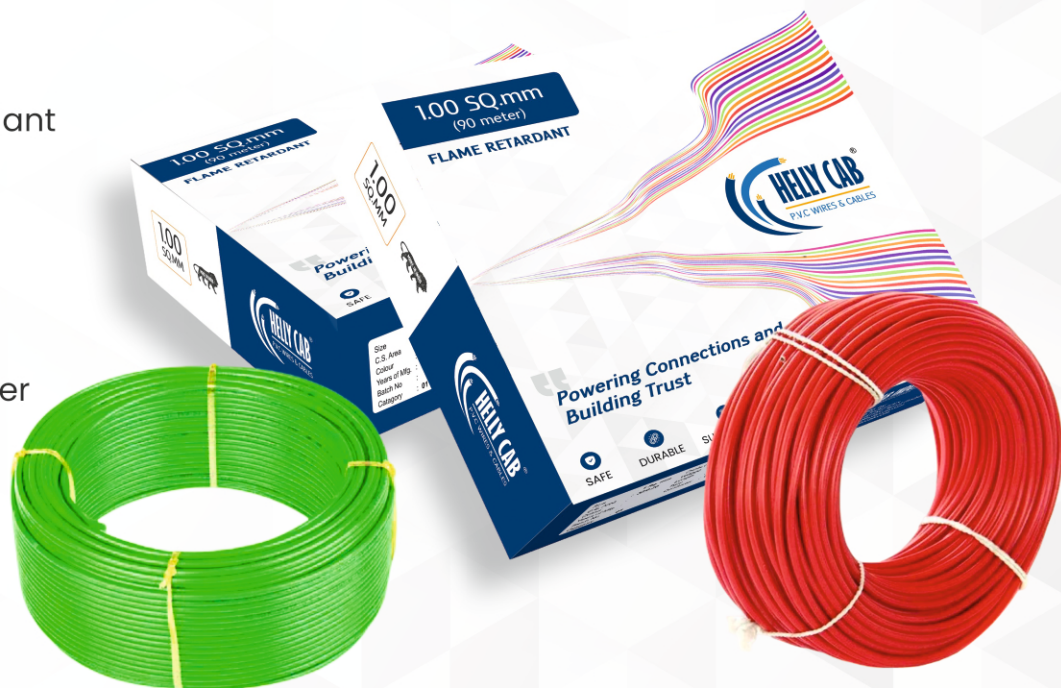
We have further enhanced the fire-retardant properties of our PVC wires by incorporating HRFR (Heat Resistance Flame Retardant) additives into the insulation.

Features:

- FR: 70°C for Fire Retardant
- HRFR: Heat Resistance 85°C & Fire Retardant
- FRLS: Flame Retardant Low Smoke
- ZHFR: Zero Halogen Flame Retardant

Range:

- Sizes: 0.5 Sq.mm to 50 Sq.mm As per order
- Colors: As per customer's request
- Packaging: Customization Available



PVC House Wires/Industrial Wires – IS 694

Technical Specification: As Per IS:694/2010

Area of Conductor	Number/Diameter of wire	Nominal Thickness of Insulation	Over All Diameter (Max)	Max. DC Resistance at 20°C Ohm/KM.	Current Carrying Capacity without ECC per IS:3961
Sq.mm	mm	mm	mm	Ohms Plain Copper	Amps
0.5	16/0.2	0.6	2.6	39	4
0.75	24/0.2	0.6	2.6	26	7
1.0	32/0.2	0.6	3.0	19.50	12
1.5	48/0.2	0.6	3.4	13.30	16
2.5	80/0.2	0.7	4.1	7.98	22
4.0	56/0.3	0.8	4.8	4.95	29
6.0	84/0.3	0.8	5.3	3.30	37
10	140/0.3	1.0	7.0	1.91	51
16	126/0.4	1.0	8.1	1.21	68
25	196/0.4	1.2	10.2	0.780	86
35	276/0.4	1.2	11.7	0.554	110
50	396/0.4	1.4	13.9	0.386	145

Power Cable/ Multicore Flaxible Cable

Conductor:

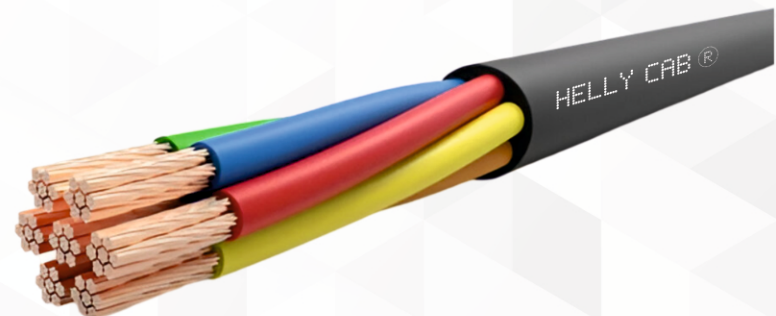
- Made from EC grade copper with 99.97% purity. This ensures low conductor resistance and efficient power savings.

Insulation:

- Utilizes PVC-FR/HRFR/ZHFR Type-A, C, and D, offering excellent fire resistance,
- mechanical durability, electrical performance, and chemical resistance.
- Complies with IS-694 standards.

Range:

- Size: Available in sizes from 0.50 sq.mm to 50 sq.mm,
- both in single-core and multi-core configurations.
- Outer Sheath Color: Grey, Black
- Inner core Color: Red, Yellow, Black, Blue, Green
- Packaging: Supplied in 100-meter coils and drums, with customization available as per requirement.



Power Cable/ Multicore Flexible Cable

Technical Specification: As Per IS:694/2010

Helly cab Bare Copper Conductor, PVC Insulated and Sheathed 650/1100V, Multicore Industrial Cables.

Nominal Area in Sq.mm	No.of Strands/ Nominal Dia.	Max.DC Resistance Ohm/Km At 20°C	Nominal Insulation Thickness mm	Core Dia. mm	Nominal Sheath thickness in mm			Overall Diameter in mm(Approx)			Current Rating
					2 Core	3 Core	4 Core	2 Core	3 Core	4 Core	
0.50	16/0.2	39.00	0.60	2.20	0.90	0.90	0.90	6.20	6.60	7.20	4
0.75	24/0.2	26.00	0.60	2.50	0.90	0.90	0.90	6.80	7.20	7.90	7
1.00	32/0.2	19.50	0.60	2.60	0.90	0.90	0.90	7.00	7.50	8.10	12
1.50	45/0.2	13.30	0.60	2.90	0.90	0.90	0.90	7.60	8.10	9.00	16
2.50	80/0.2	7.98	0.70	3.50	1.00	1.00	1.00	9.00	9.60	10.50	22
4.00	56/0.3	4.95	0.80	4.30	1.00	1.00	1.00	10.60	11.30	12.40	29
6.00	84/0.3	3.30	0.80	5.10	1.15	1.15	1.40	12.60	13.40	15.20	37
10	140/0.3	1.91	1.00	6.60	1.40	1.40	1.40	16.00	17.00	18.80	51
16	126/0.4	1.21	1.00	8.00	1.40	1.40	1.40	18.80	20.10	22.20	68
25	196/0.4	0.780	1.20	10.00	2.00	2.00	2.00	24.00	25.60	28.20	86
35	276/0.4	0.554	1.20	11.10	2.00	2.00	2.00	26.30	28.00	31.00	110
50	396/0.4	0.386	1.40	13.40	2.00	2.00	2.00	30.90	33.00	36.50	145

Agriculture Cables

Cable Construction: Our Helly Cab 3-core flat cables are expertly manufactured using high-quality EC (Electrolytic Copper) conductors. Each conductor is insulated with a special grade of PVC Compound.

Features:

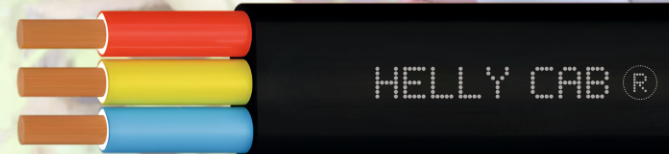
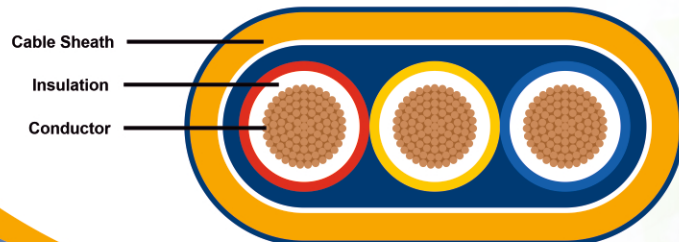
- water absorption resistance
- outer sheath is engineered for superior mechanical properties
- ensuring a long service life in demanding environments
- superior abrasion resistance
- oil resistance

Application:

PVC insulated and sheathed 3 core flat cables are mainly used in pump connections. They are also used in industrial applications.

Range:

- Packaging: Customization Available



Technical Specification: As Per IS:694/2010

Area of Conductor	Number Diameter of wire	Max.DC Resistance Ohm/Km At 20°C	Current Carrying Capacity for 3 phase with ECC as per IS:3961	Nominal Thickness Insulation	Nominal Thickness of Sheath	SHEATH	
						Over all width (Max) mm	Over all Height (Max) mm
Sq.mm	mm	Ohm	Amps	mm	mm		
0.5	16/0.2	39.0	4	0.6	0.9	9.6	4.9
0.75	24/0.2	26.0	7	0.6	0.9	10.5	5.2
1.0	32/0.2	19.5	12	0.6	0.9	11.0	5.4
1.5	48/0.2	13.3	16	0.6	0.9	10.7	5.3
2.5	80/0.2	7.98	20	0.7	1.0	13.0	6.2
4.0	56/0.3	4.95	27	0.8	1.0	15.3	7.1
6.0	85/0.3	3.30	34	0.8	1.1	19.2	8.4
10	80/0.4	1.91	44	1.0	1.4	24.2	10.4
16	126/0.4	1.21	61	1.0	1.4	29.0	12.4
25	196/0.4	0.780	82	1.2	2.0	36.5	12.4
35	276/0.4	0.554	101	1.2	2.0	40.5	17.2
50	396/0.4	0.386	122	1.4	2.2	46.5	19.3

Automobile Cables

Conductor:

Our automobile cables are equipped with bright-annealed EC grade copper conductors featuring 99.97% purity. This advanced material choice ensures superior electrical performance and durability for a wide range of automotive applications.

Feature:

- Low Conductor Resistance
- Reduced Heat Generation,
- Enhanced Electrical Performance

Insulation & Sheath:

Our automobile cables feature advanced PVC compounds in both insulation and sheath, designed to deliver exceptional performance in diverse and challenging automotive environments.

Feature:

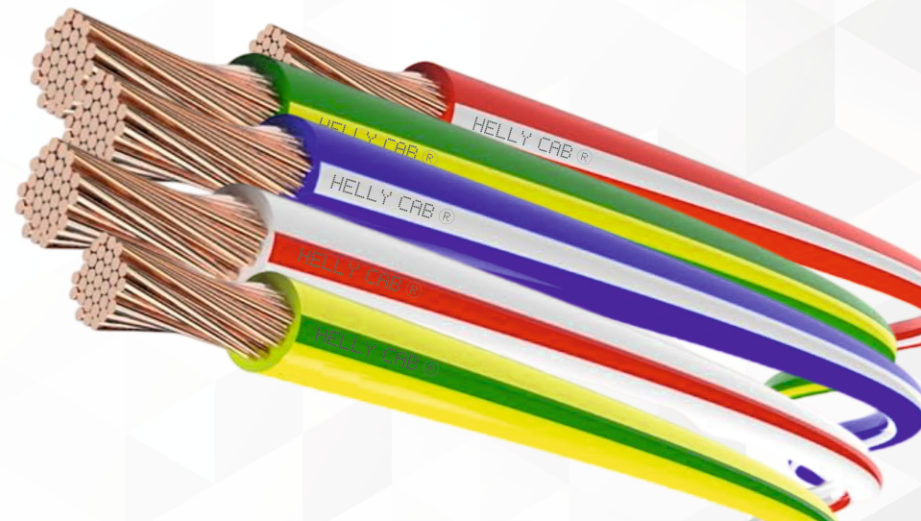
- Optimal Flexibility & Durability
- Tensile Elongation,

- Abrasion Resistance
- Reliably in both High and Low Temperature environments
- Robust Resistance to water, oil, grease, and other automotive fluids.

Specifications: As per IS: 2465 – 1984, BS 6862: PART 1: 1971, DIN 72551- 6, ISO: 6722

Range:

- Size: 0.5 Sq.mm to 50 Sq.mm
- Colors: Various Single, Double, Triple and Spiral color wires
- Packaging: Custom packaging available



Technical Specification:

Area of Conductor	Numbers/ Diameter of Wire	Max.DC Resistance Ohm/Km At 20°C	Nominal Thickness Insulation	Over All Diameter (Max)
Sq.mm	mm	Ohms	mm	mm
0.5	16./0.2	39.00	0.6	2.5
0.75	24/0.2	26.00	0.6	2.7
1.0	32/0.2	19.50	0.7	3.1
1.5	48/0.2	13.30	0.7	3.4
2.5	80/0.2	7.98	0.7	3.8
4.0	56/0.3	4.95	0.8	4.6
6.0	84/0.3	3.30	0.8	5.6
10	140/0.3	1.91	1.0	7.0
16	126/0.4	1.21	1.0	8.1
25	196/0.4	0.780	1.2	10.0
35	276/0.4	0.554	1.2	11.4
50	396/0.4	0.386	1.4	13.7

Solar Cable

Cable Construction:

- Conductor: Fine wire bunch of annealed tinned copper conductors.
- Insulation: UV resistant crosslinked Halogen Free Flame-Retardant core insulation
- Core identification: Red, Black or Natural
- Sheath: UV resistant crosslinked Halogen Free Flame-Retardant sheath over insulation

Properties:

- Excellent water resistant
- Ammonia resistant
- Ultraviolet (UV) resistant
- Smoke emission is negligible & transparent
- Weather (Ozone) resistant
- Smooth and Abrasion Resistance surface
- Acid and alkali resistant
- Excellent resistance to High and Low temperature

Range:

- Size: 2.5 Sq.mm to 10 Sq.mm (Single core only)
- Colors: Black, Red, Black with red strip (or as required)
- Packaging: Custom packaging available

Specifications:

- Size: As per customer's requirement multicore cable will be available
- Cable Insulation: E-beam irradiation done by available local sales





Copper Control cable / Shielded Cable / Braided cable

Wire Construction:

Copper Control and Shielded Cable features an EC grade copper conductor with cores twisted in layers. It has aluminum foil shielding, braided protection with galvanized steel and tinned copper, HRFR/FRLS PVC insulation, and an FRSR PVC outer sheath.

Feature:

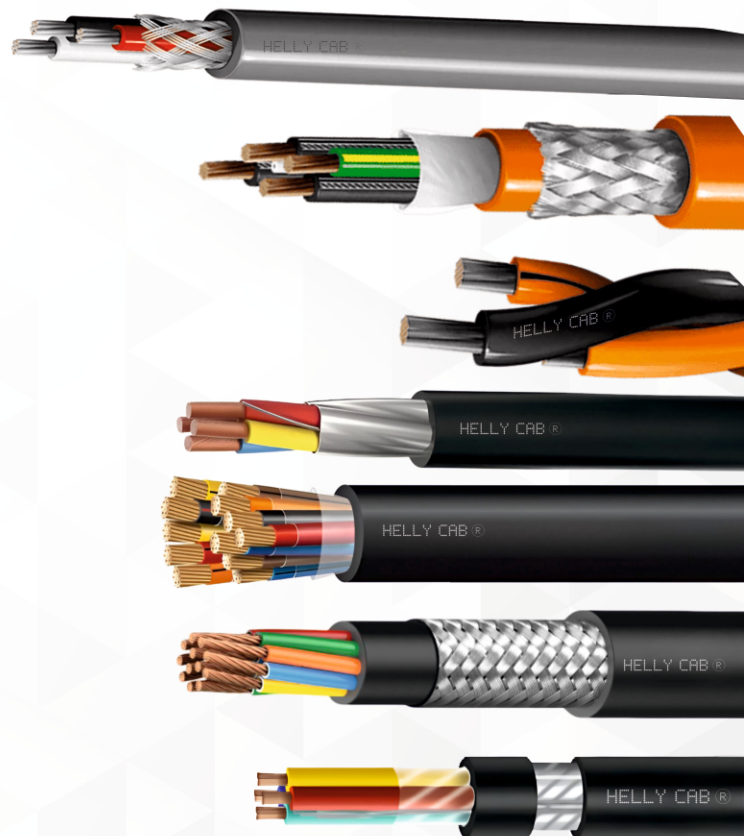
- Durability
- Fire resistance
- Oil and chemical resistance
- 3 kV high voltage test performance
- EMI (Electromagnetic Interference) protection.

Application

- Where Mechanical Protection is required
- Engineering unit and Construction side
- Conveying and Transport system
- Dying and Printing house
- Production line
- Air Condition Installations

Range:

- Size :2 Core to 37 Core as per requirement
- Color, Packaging: Manufacture as per customer's requirement



Our Valued Clients:

Creating Connections That Matter:

At Hellycab Industries, our journey has been defined by strong connections — not just through our cables and wires, but through the trust and partnerships we've built over the years. As we reflect on this journey, we want to extend our heartfelt gratitude to our valued clients. Your trust has been the foundation of our progress. Every insight you've shared and every challenge you've brought to us has shaped who we are today. We're not just proud of the cables we manufacture — we're proud of the relationships we've built.



Thank you for choosing Hellycab.

Together, let's move forward toward a brighter, better-connected tomorrow



POWERING CONNECTIONS AND BUILDING TRUST

SAFE 

AFFORDABLE 

DURABLE 

SUSTAINABLE 

CONSISTENT 

FLEXIBLE CABLE 



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