



COMPANY PROFILE

For more than one decade ALLWIN INDUSTRIES under **"ALLCAB"** Brand has been in the forefront Manufacturing & Supplying various types of cables across the Gujarat, specially in Government Sectors. The consistent quality of our products, competitive pricing & timely deliveries have helped us to build a wide satisfied client base. Our motivated team of dedicated employees develop Manufacture and Suppliers technologically advanced cables & offer services that exceed the expectation of our customer's .We also provide customized products to cater to specific needs of our clients. This is in keeping with our corporate policy that ensures total quality management leading to customer satisfaction. As a Cable specialists, we offer one of the widest product ranges available & as one of your key business partners we help you reduce costs & improve your lead times. Our value added services are just one more reason to call us for all of your wire & cable needs. **"ALLCAB"** brand Cables is your Shielded Armoured/Unarmoured & Instrumentation Cable Specialist.

Products We Offer

We offer a wide range of durable and long lasting Cable wires that fulfil varied requirements of many industries. Our varied assortment includes both the simplest constructions to the complicated wire designs. With time, we have got the in-depth knowledge of the industry. We facilitate changing and redesigning of existing products to meet specifications provided by our clients. Our range of cable can be availed with various properties such as flexible, multi-colour etc. Durability and efficiency are the main attributes of our products. Our product ranges are tested for accuracy and efficiency in order to ensure trouble free functioning. We are specialized in Power Cables, Control Cables, Instrumentation Cables, Industrial Cables, Agricultural Cables, Shielded Cables, and Flexible Cables etc.

Infrastructure

Our modern and strong infrastructure is a strong pillar of our organization which enables us to meet the requirements & standards of the industry. It is equipped with various state-of-the-art machines, which facilitates in the fast and effective product development. We have a highly dedicated & enthusiastic workforce working perpetually in tandem with skilled professionals who endeavour to raise the industry standards by running that extra mile which distinguishes us from others. With a modern infrastructure, it becomes convenient for us to meet the requirements of the clients. We keep in mind the safety standards in the work place & see to it that our employees work in the safest possible environment.

Quality

Our focus on quality is evident in our product range. We maintain our excellent quality track record by manufacturing to internationally recognized standards such as ISI and achieving ISO 9001:2008 accreditations for our production facilities. We have never compromised on quality and have successfully achieved a high level of customer appreciation resulting in long-lasting relations. We undertake stringent quality control measures ensuring supreme product quality. We follow various parameters to test our range of products namely Tensile Strength, Insulation Resistance, Conductor Resistance, Spark Testing, Elongation, Smoke Density Test, etc. Our quality professionals have served as a beacon not only for us but also for the entire industry in establishing top-notch quality standards

ALLWIN INDUSTRIES

Plot No.6-7, Survey No.251, Opp. Pitrukupa Hotel, Shapar (Veraval), Dist.: Rajkot - 360 024

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ISO 9001:2008 Registered

We pride ourselves in our ability to provide exceedingly high levels of service to our industry, from our knowledgeable sales staff, to the efficiency of our shipping department. Achieving ISO 9001:2000 was an essential part of our Quality Plan which allows us to provide even greater levels of efficiency and expertise to our manufacturing & distribution divisions. Contact us to find out how Techno Flex Cables can make your next project profitable and problem free.

Raw material

We use premium quality raw materials for manufacturing our range of products. Usually Aluminium, Copper, Hot Deep Galvanised Iron, wide range of PVC; such as FRLS - HR - FR - etc., Aluminium polyester tape, Tin copper bridging etc. to manufacture our range of products. We procure these raw materials from the leading companies. We test these materials in order to get defect free end-products.

Team

To look after the entire production process and delivery schedule, we have a team comprises of well-versed and skilled professionals. The team is capable to take care of the entire production procedure. Our team has electrical engineers, plastic engineers, technicians, production controllers, quality controller, marketing executive and others supporting staff. These professionals work together with an aim to furnish our clients with useful products as per their specifications.

Why Us?

We are well-established and professionally managed company. Being a leading manufacturer and suppliers, we cater to various Industries and Govt. sectors clients for several years. With an effective and modern production capacity, we can fulfil the varied requirements of clients. Our goal is to become your partner & help you reduce cost, improve lead times, reduce inventory & provide quality products. Some of our business highlights.

- **Quality & durability.**
- **Innovative and cost-effective products.**
- **Products are heat & chemical resistant.**
- **Well-versed team.**
- **Strong infrastructure.**
- **Customize service.**
- **Time production and delivery.**

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HEAVY DUTY XLPE/PVC INDUSTRIAL POWER CABLES



Heavy Duty XLPE /PVC Industrial Power Cables

- Light weight power transmission and distribution upto 1100V
- Better resistance properties for chemical and corrosive gases

XLPE Insulated PVC sheathed Unarmored & Armored Power Cables of 1100V Grade As per IS - 7098 (Part-I) with Aluminum & Copper Conductor

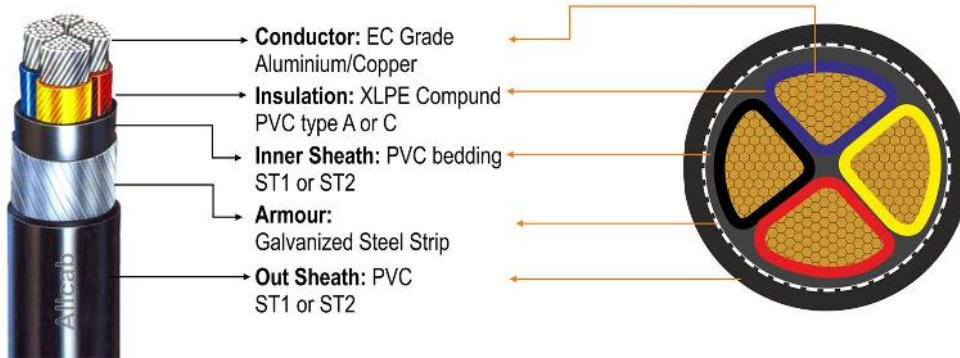
Nominal Size of Conductor	Form of Conductor Circular Shaped	Nominal Thickness of XLPE Insulation	Minimum Thickness of PVC Inner Sheath	Unarmoured		Formed Wire / Strip Armoured			Round Wire Armoured Cable			Current Rating in Air
				Nominal Thickness of PVC Outer Sheath	Approx. Overall Diameter of Cable	Nominal Dimension of GI Flat Strip	Minimum Thickness of PVC Outer Sheath	Approx. Overall Diameter of Cable	Nominal Dimension of GI Round Wire	Minimum Thickness of PVC Outer Sheath	Approx. Overall Diameter of Cable	
Sq.mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Amps
FOUR CORE COPPER CONDUCTOR XLPE INSULATED												
4	Solid	0.7	0.3	1.8	15.0	-NA-	-NA-	-NA-	1.40	1.24	16.5	36
6	Solid	0.7	0.3	1.8	16.5	-NA-	-NA-	-NA-	1.40	1.24	17.5	47
10	Stranded	0.7	0.3	1.8	18.5	-NA-	-NA-	-NA-	1.40	1.40	20.5	62
16	Shaped	0.7	0.3	1.8	20.0	4 x 0.8	1.40	20.0	1.60	1.40	21.0	79

THREE AND HALF CORE ALUMINUM CONDUCTOR XLPE INSULATED												
25/16	Shaped	0.9 / 0.7	0.3	2.0	22.0	4 x 0.8	1.40	23.0	1.60	1.40	25.5	96
35/16	Shaped	0.9 / 0.7	0.3	2.0	24.0	4 x 0.8	1.40	25.0	1.60	1.40	26.5	117
50/25	Shaped	1.0 / 0.9	0.3	2.0	27.5	4 x 0.8	1.40	28.0	1.60	1.56	29.5	142
70/35	Shaped	1.1 / 0.9	0.4	2.2	31.0	4 x 0.8	1.56	32.0	2.00	1.56	34.0	179
95/50	Shaped	1.1 / 1.0	0.4	2.2	35.0	4 x 0.8	1.56	36.0	2.00	1.56	38.0	221
120/70	Shaped	1.2 / 1.1	0.4	2.2	37.5	4 x 0.8	1.72	39.0	2.00	1.72	41.0	257
150/70	Shaped	1.4 / 1.1	0.5	2.4	41.0	4 x 0.8	1.72	42.0	2.00	1.88	45.0	292
185/95	Shaped	1.6 / 1.1	0.5	2.6	46.5	4 x 0.8	1.88	47.5	2.50	2.04	50.0	337
240/120	Shaped	1.7 / 1.2	0.6	2.8	52.5	4 x 0.8	2.04	53.5	2.50	2.20	56.0	399
300/150	Shaped	1.8 / 1.4	0.6	3.0	56.0	4 x 0.8	2.20	57.0	2.50	2.36	61.0	455
400/185	Shaped	2.0 / 1.6	0.7	3.4	64.0	4 x 0.8	2.52	65.0	3.15	2.68	70.0	530

Note : Conductor as per class V. Supplied in 100 meter lengths with black outer sheath and in bigger package on request.

The number and diameter of conductor strands are for reference only. Conductor resistance as per IS:7098 (Part-1) is the governing criteria.

The above data is indicative and may be revised without prior intimation.



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HOUSE & BUILDING WIRES



Flame Retardant PVC Insulated Single Core Unsheathed Copper Cable (upto 1100V AC)

- Compact Contraction reduces weight per meter.
- Rugged yet flexible for industrial use.
- High temperature insulation

Two Layer Single Core FR/ FRLS PVC Insulated Copper Conductor (Unsheathed) Heavy Duty Electric Cables in Voltage Grade upto & including 1100V as per IS-694

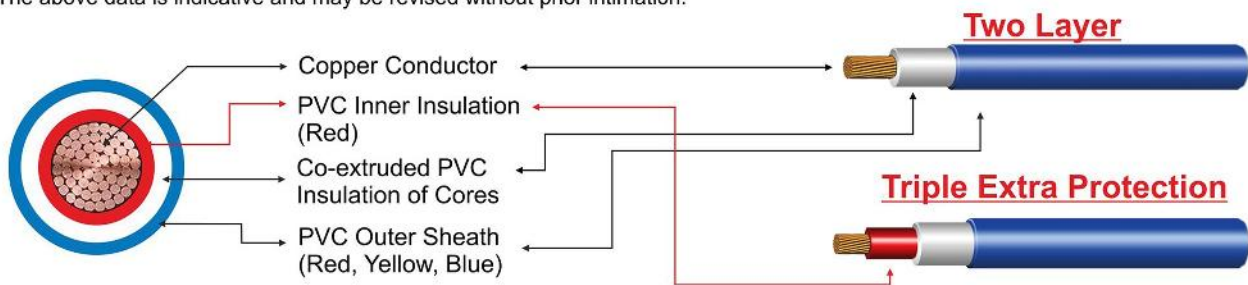
Nominal Cross Sectional area of conductor	Number/ Nom. Dia of Wires	Thickness of insulation (Nom.)	Overall Diameter Max.	Current Carrying Capacity	Resistance (Max.) per KM.@20°C
Sq.mm	Number/mm	mm	mm	Amps.	Ohm/Km
0.75	24/0.2	0.6	2.50	7.00	26
1.00	14/0.3	0.7	2.75	12.00	18.1
1.50	22/0.3	0.7	2.95	16.00	12.1
2.50	36/0.3	0.8	3.36	22.00	7.41
4.00	56/0.3	0.8	4.30	29.00	4.95
6.00	84/0.3	0.8	5.50	37.00	3.30

Triple Extra Protection Single Core FR/ FRLS PVC Insulated Copper Conductor (Unsheathed) Heavy Duty Electric Cables in Voltage Grade upto & including 1100V as per IS-694

Nominal Cross Sectional area of conductor	Number/ Nom. Dia of Wires	Thickness of insulation (Nom.)	Overall Diameter Max.	Current Carrying Capacity	Resistance (Max.) per KM.@20°C
Sq.mm	Number/mm	mm	mm	Amps.	Ohm/Km
0.75	24/0.2	0.6	2.50	7.00	26
1.00	14/0.3	0.7	2.75	12.00	18.1
1.50	22/0.3	0.7	2.95	16.00	12.1
2.50	36/0.3	0.8	3.36	22.00	7.41
4.00	56/0.3	0.8	4.30	29.00	4.95
6.00	84/0.3	0.8	5.50	37.00	3.30

Note :-

Supplied in 90 meters length in carton packaging & 180 meters project lengths in poly wrap packaging and in bigger package on request. The number and diameter of conductor strands are for reference only. Conductor resistance as per IS:694 is the governing criteria. The above data is indicative and may be revised without prior intimation.



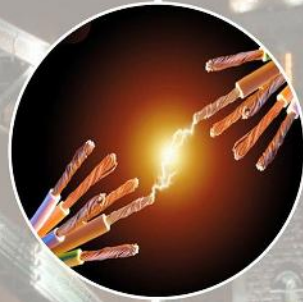
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MULTICORE INDUSTRIAL CABLES



Multicore Flexible Cable for Application & Machine tools

- Compact Contraction reduces weight per meter.
- Rugged yet flexible for industrial use.
- High temperature insulation

Technical Specification

Type of Insulation	Type of Sheathing	Application Standards	Typical Application
Standard PVC	Standard PVC, HRPVC	IS 694	Power Cords for appliance, Power supplies Connection to various electrical components. Multi core flexible cables are used in various small & big Industrial
Heat Resistant PVC upto 105°C	Standard PVC, HRPVC	IS 694	Hi-power appliances, ovens, temporary power supply in higher temperature areas
Standard PVC of FRLS	FRLS (Flame-Retardant Low Smoke)	IS 694	Power Cords for application used in fire prone areas, flame proof equipments, machine tools used in critical locations and heat zones.

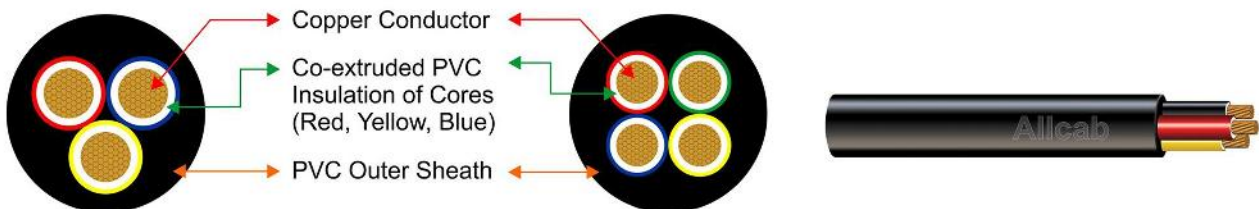
Multicore Round Insulated Copper Conductor And Sheathed Flexible Cables, 1100 Voltage Grade as per IS-694

Nominal Cross Sectional Area of Conductor	Number/ Nom.Dia of cond. Stands	Thickness of Insulation (Nom)	Nominal Thickness of Sheath			Approx. Overall Diameter			Current Rating A.C	Voltage Drop/ Amp/ Meter		Max. Conductor Resistance per KM at 20°C
			Two Core	Three Core	Four Core	Two Core	Three Core	Four Core		DC or Single Phase AC	3 Phase AC	
Sq.mm	mm	mm	mm	mm	mm	mm	mm	mm	Amps	mV	mV	Ohms
0.5	16/0.20	0.6	0.9	0.9	0.9	6.2	6.6	7.2	6	83	72	39.0
0.75	24/0.20	0.6	0.9	0.9	0.9	6.5	6.9	7.6	9	56	48	26.0
1.0	32/0.20	0.6	0.9	0.9	0.9	6.9	7.3	8.2	14	43	37	19.5
1.5	30/0.25	0.6	0.9	0.9	1.0	7.6	8.2	9.3	18	31	26	13.3
2.5	50/0.25	0.7	1.0	1.0	1.0	9.0	9.6	10.5	24	18	16	7.98
4.0	56/0.30	0.8	1.0	1.0	1.0	10.3	10.9	12.3	32	11	9.6	4.95

Note : Conductor as per class V. Supplied in 100 meter lengths with black outer sheath and in bigger package on request.

The number and diameter of conductor strands are for reference only. Conductor resistance as per IS:694 is the governing criteria.

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AGRICULTURE FLAT CABLES



Submersible Flat Cables (Three Core) for Voltage upto 1100V AC

Technical Specification

Conductor : Nicely bunched high purity bright, electrolytic grade, plain annealed copper with superb flexibility according to harmonized grades class 5 available in various sizes.

Insulation & Sheathing : Generally available with general purpose insulation and normal PVC sheathing, choice of insulation and sheathing is available on special order.

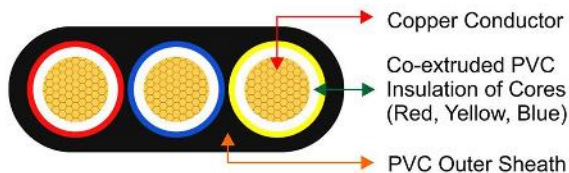
Three Core Flat Flexible Industrial Cable for Submersible Pump Motors, 1100 Voltage Grade as per IS-694

Nominal Area of Conductor	INSULATION			PVC SHEATH		Current Carrying Capacity at 40°C	Max Conductor Resistance at 20°C(Max.)
	Number/Size of Wires for each Core	Thickness (Nom.)	Nominal Core Dia.	Overall Diameter			
				Thickness (Nom.)mm	Width (Nom.)mm		
sq.mm	mm	mm	mm	(Nom.)mm	(Nom.)mm	Amps.	Ohm/Km
1.5	22/0.30	0.8	3.25	6	12.8	14	13.3
2.5	36/0.30	0.9	3.9	6.4	14.6	18	7.98
4.0	56/0.30	1	4.65	7.4	17.2	26	4.95
6.0	84/0.30	1	5.3	7.9	18.7	31	3.3
10.0	140/0.30	1	6.6	9.9	23.7	42	1.91
16.0	223/0.30	1	8.2	11.4	28	57	1.21
25.0	354/0.30	1.2	10.1	14.7	35.5	72	0.78
35.0	495/0.30	1.2	11.5	16.2	39.5	90	0.554
50.0	703/0.30	1.4	13.6	18.3	45.5	115	0.386

Note : Conductor as per class V. Supplied in 100 meter lengths with black outer sheath and in bigger package on request.

The number and diameter of conductor strands are for reference only. Conductor resistance as per IS:694 is the governing criteria.

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FLAT CABLE DESIGN



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MANUFACTURER & EXPORTERS
OF ALL TYPES OF CABLES



RANGE OF PRODUCTS

- Industrial Power Cable
- Industrial Control Cable
- L.T. XLPE Cable
- PVC Flexible Wire & Cable
- Agricultural Flate Cable
- House & Building Wire & Cable

ALLWIN INDUSTRIES

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