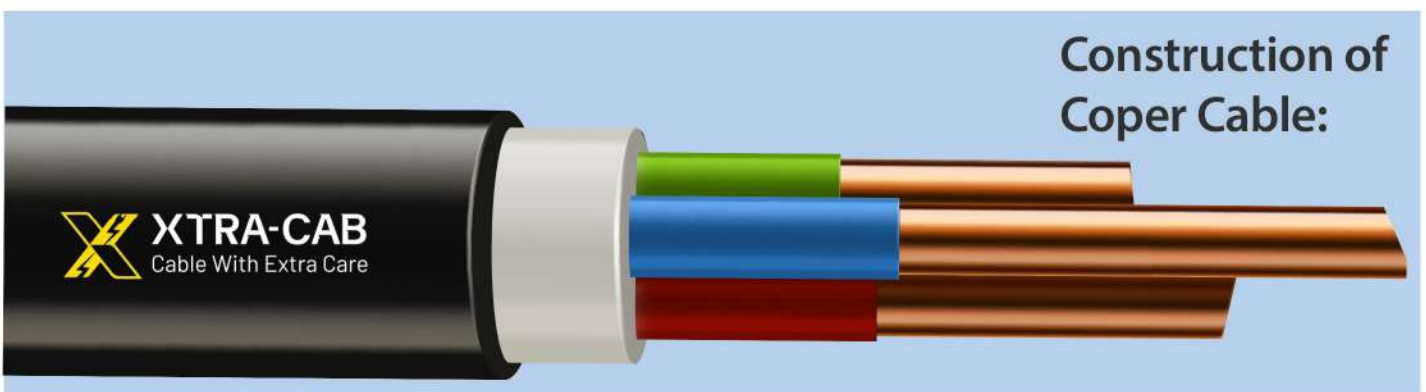


Coper Control Cable

Xtra-cab is a company that specializes in the production of copper control cables. The company offers a wide range of copper control cables for different applications and environments, including low voltage, medium voltage, and high voltage cables. Xtra-cab's copper control cables are known for their high quality and performance, and are used in a variety of industries, including automotive, building and construction, and renewable energy.

Copper control cables are electrical cables used for the control and signaling of electrical systems and equipment. They are made from copper, a highly conductive metal, and are used in a variety of applications, including building automation, control systems, and industrial automation. Copper control cables are known for their high conductivity, durability, flexibility, and resistance to temperature. They are also able to shield against electromagnetic interference (EMI) and are compatible with a variety of connectors



Voltage : These cables can be used on AC voltage up to & Including 1100 V or DC up to & including 1500 V.

Size : 1.5 Sq.mm. & 2.5 Sq.mm. upto 37 Cores

Conductor: Annealed Bare Electrolytic Copper/ Aluminum Conductor conforming to IS:8130:1984.

Insulation: Conductors are insulated with PVC Compound as per IS:5831:1984.

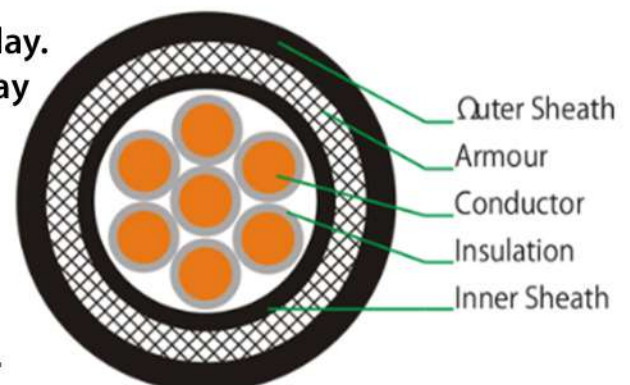
Laying of Cores: Cores are laid up with a suitable lay.

The final layer direction shall be kept right hand lay

Inner Sheath: The Inner Sheath is applied over laid up of cores by extrusion/wrapping of ther moplactic material.

Armouring: It is applied over inner sheath.

It may consist of galvanized Round Steel wires or galvanized Flat Steel Strips conforming to IS 3975.





1.1 KV 1.5/2.5 Sqmm (Solid) Multicore Unarmoured PVC Control Cables Conforming to IS :

No. of Cores & Cross Sectional Area	Thickness of PVC Insulation (Nom.)	Thickness of PVC Inner Sheath (min.) Extruded	Thickness of PVC Outer Sheath (Nom.)	Approx. O.D	Approx. Net Weight of Cable	Standard Delivery Length in	Current Rating	
							Direct in Ground	In Air Duct
No x mm ²	mm	mm	mm	mm	Kg/Km	Mtrs	.Amps	.Amps
2x 1.5	0.8	0.3	1.8	11.5	155	500/1000	23	20
3x 1.5	0.8	0.3	1.8	12.0	177	500/1000	21	17
4x 1.5	0.8	0.3	1.8	13.0	208	500/1000	21	17
5x 1.5	0.8	0.3	1.8	14.0	243	500/1000	16	14
6x 1.5	0.8	0.3	1.8	15.0	261	500/1000	15	13
7x 1.5	0.8	0.3	1.8	15.0	271	500/1000	14	13
2x 2.5	0.9	0.3	1.8	13.0	200	500/1000	32	27
3x 2.5	0.9	0.3	1.8	13.5	234	500/1000	27	24
4x 2.5	0.9	0.3	1.8	14.5	281	500/1000	27	24
5x 2.5	0.9	0.3	1.8	15.5	331	500/1000	23	19
6x 2.5	0.9	0.3	1.8	16.5	356	500/1000	21	18
7x 2.5	0.9	0.3	1.8	16.5	374	500/1000	20	17
8x 2.5	0.9	0.3	1.8	18.5	434	500/1000	19	16
9x 2.5	0.9	0.3	1.8	19.5	492	500/1000	18	15

Features & Advantages

Conductivity: Copper is a highly conductive metal, which makes it an effective material for electrical cables. Copper control cables have a high current-carrying capacity and are able to transmit electrical signals with minimal loss.

Durability: Copper control cables are resistant to corrosion and have a long service life, making them suitable for use in harsh environments.

Flexibility: Copper control cables are generally flexible, which makes them easy to install and route through tight spaces.

Resistance to temperature: Copper control cables are able to withstand high temperatures and are suitable for use in environments where the temperature may fluctuate.

Compatibility with connectors: Copper control cables are compatible with a variety of connectors, making them easy to connect to electrical equipment.

EMI shielding: Copper control cables are able to shield against electromagnetic interference (EMI), which can be beneficial in certain environments where EMI may be present.

Size and weight: Copper control cables are generally smaller and lighter than other types of electrical cables, which makes them easier to handle and install.

Cost: Copper control cables are generally more expensive than other types of electrical cables, such as aluminum or steel. However, their long service life and high performance can make them a cost-effective choice in the long run.

KV 1.5/2.5 Sqmm (Solid) Multicore Unarmoured PVC Control Cables Conforming to IS 1.1

No. of Cores & Cross Sectional Area	Thickness of PVC Insulation (Nom.)	Thickness of PVC Inner Sheath (min.) Extruded	Round Wire Dia	Flat Strip	Thickness of PVC Outer Sheath (Nom.)	Approx. O.D	Approx. Net Weight of Cable	Standard Delivery Length in	Current Rating	
									Direct in Ground	In Air Duct
No x mm ²	mm	mm	mm	mm	mm	mm	Kg/Km	Mtrs	.Amps	.Amps
2x 1.5	0.8	0.3	1.4		1.24	1.24	357	500/1000	23	20
3x 1.5	0.8	0.3	1.4		1.24	14.0	390	500/1000	21	17
4x 1.5	0.8	0.3	1.4		1.24	14.5	446	500/1000	21	17
5x 1.5	0.8	0.3	1.4		1.24	15.5	491	500/1000	16	14
6x 1.5	0.8	0.3	1.4		1.24	16.5	534	500/1000	15	13
7x 1.5	0.8	0.3	1.4		1.24	16.5	544	500/1000	14	13
2x 2.5	0.9	0.3	1.4		1.24	14.5	438	500/1000	32	27
3x 2.5	0.9	0.3	1.4		1.24	13.5	483	500/1000	27	24
4x 2.5	0.9	0.3	1.4		1.24	15.0	554	500/1000	27	24
5x 2.5	0.9	0.3	1.4		1.24	17.5	628	500/1000	23	19
6x 2.5	0.9	0.3	1.4		1.24	18.5	676	500/1000	21	18
7x 2.5	0.9	0.3	1.4		1.24	18.5	694	500/1000	20	17
8x 2.5	0.9	0.3	1.4		1.40	20.0	793	500/1000	19	16
9x 2.5	0.9	0.3	1.4	4.0x 0.8	1.40	20.0	750	500/1000	18	15