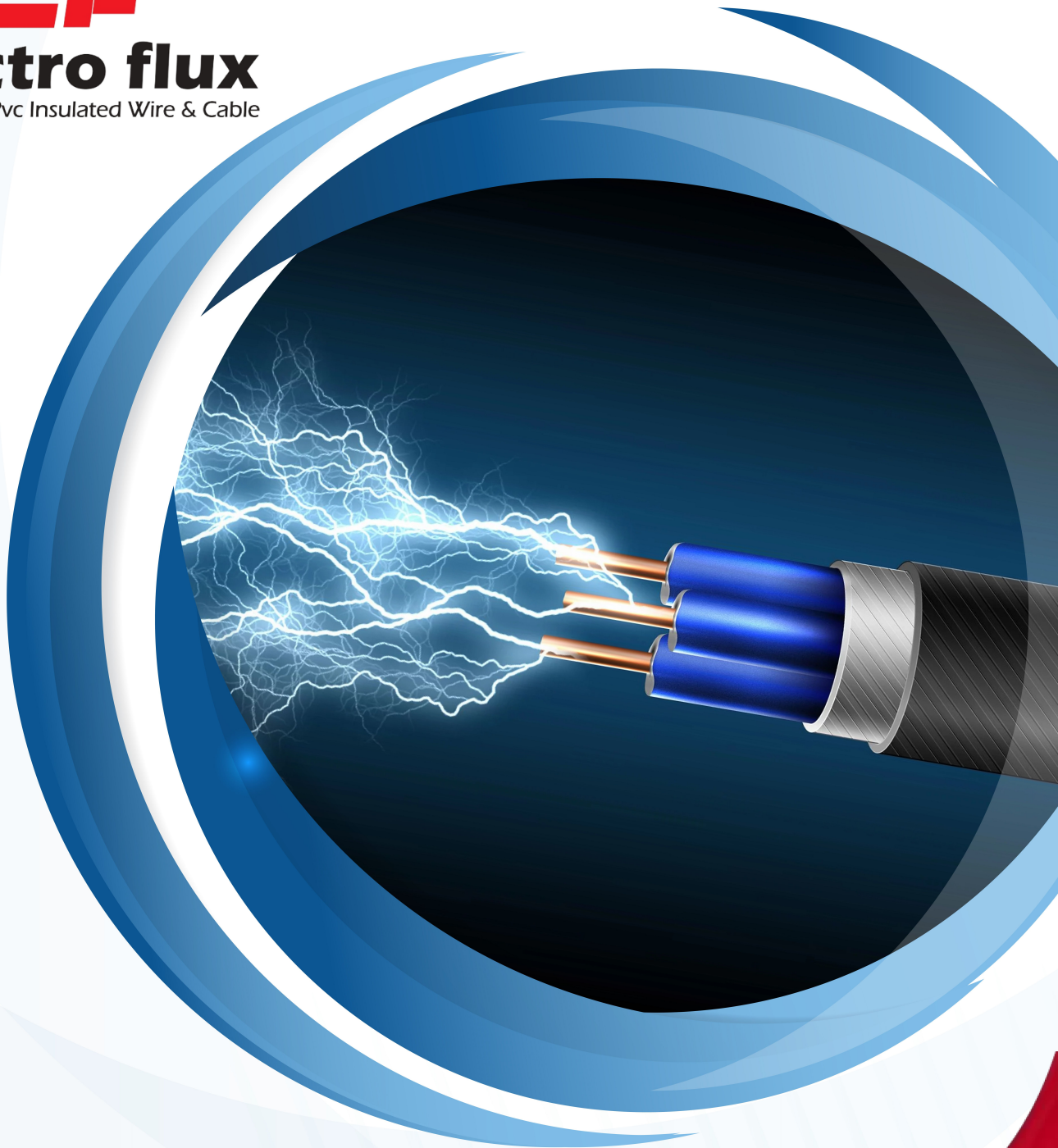




Electro flux
Pvc Insulated Wire & Cable



**THE POWER
OF 3**





About Us

Electro Flux is an emerging brand in power, control and industrial cables. Electro Flux is the fastest growing company in cable industry, offering the widest range of cables. Electro Flux single & multi core PVC Industrial cables find a wide range of applications in the control panels, appliances, machine tools, machinery and are used in almost every industry.



Conductors : The conductors are drawn from bright electrolytic grade copper, annealed and bunched together (multi- stranded) as per class 2 and class 5 of IS 8130:2013

Insulation : Bunched conductors are insulated with specially formulated PVC compound having high insulation resistance value. The insulation process is carried out on modern high speed extrusion lines with a high degree of accuracy, thus ensuring consistency in performance.

Sheathing : In case of multi core cable, the insulated cores are laid up to form the core assembly, Sheathing is provided with specially formulated PVC compound to facilitate stripping as also to withstand mechanical abrasion while in use.

Quality Control : You are assured of the highest quality standards in every Electro Flux product. Stringent quality control tests are applied at every stage from raw material to finished goods stage so as to give you the best product, meeting relevant quality standards.

Electro Flux PVC insulated Industrial Cables are manufactured as per IS 694: 2010, in single core sizes from 0.75 Sq. mm to 25 Sq. mm and multi core sheathed cables in sizes 0.75 sq. mm to 25 sq. mm up-to 4 cores. These cable sizes are ISI marked.



Features

Triple Layer Insulation
for better safety



99.97%
pure copper

High conductivity of
copper (102% IACS)



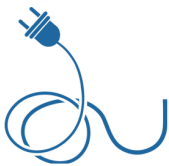
100% Bunched conductor

High discoloration resistance
capacity of copper conductors



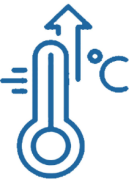
Smooth surface and hence increased easines
to be pulled easily in pipes during installation.

High ageing property of
PVC insulation



Better flexibility for
easy wiring

High Temperature Resistance



90 meters
guaranteed seal

High oxygen
index value



ATTRIBUTES

3

*Triple
Layer*

TRIPLE LAYER INSULATION FOR TRIPLE PROTECTION

Electro Flux Cables come with a unique triple layer insulation to ensure three times the protection – a one of its kind feature unique to Electro Flux wires.

105°C
°C

105°C BASE INSULATION

The base layer consist of 105°C temperature rating as against the 70°C of any ordinary cable. The middle and top layers are exceptionally flame retardant (FR). Electro Flux thus ensures Triple protection of your life and property.



PURE COPPER – PUREST TO THE CORE

At the core of Electro Flux Cables is the highest purity Electrolytic Grade Copper as against lower grade copper used in ordinary cables that offer poor conductivity. With greater than 100% conductivity as per IACS (International Annealed Copper Standard), the energy losses are minimal resulting in lower power bills.



PURE PVC INSULATION

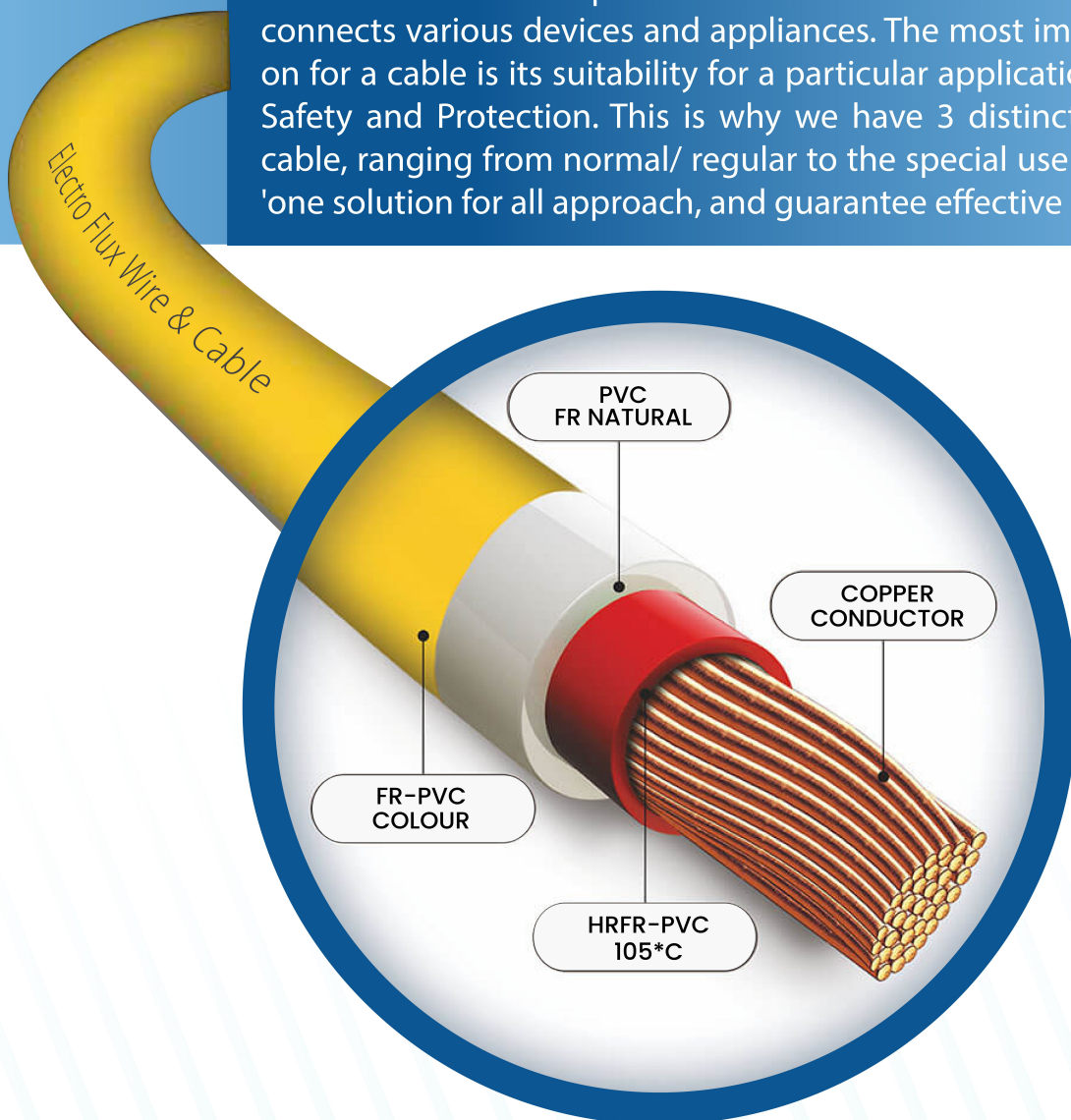
Pure, superior grade PVC resin and compounding ingredients are used to produce the in-house specially formulated and tailor-made PVC compound for each type of cable that has higher insulation resistance, thermal stability and exceptional fire retarding properties. The purity inside ensures safety, reliability and long cable life.



INTRODUCING THE **Electro flux** WIRE & CABLE

Pvc Insulated Wire & Cable

We understand the importance of cables in electrical installation, as it connects various devices and appliances. The most important criterion for a cable is its suitability for a particular application and level of Safety and Protection. This is why we have 3 distinct categories of cable, ranging from normal/ regular to the special use as opposed to 'one solution for all approach, and guarantee effective Safety.



SUPERIOR MULTI LAYERED PROTECTION

Electro Flux Wire & Cables are manufactured employing the most advance technology for its perfectly bonded triple layer insulation.

The first Heat Resistant Flame Retardant (HRFR) layer primarily tackles heat generation caused by current flow. It also possesses flame retarding properties. The middle and top FR (Flame Retardant) layers fight and retard the fire propagation in the event of an accidental fire.

The HRFR PVC layer withstands temperature rise up to 105°C which may be caused due to excessive power draw, voltage fluctuation or spike. In addition, it acts as barrier to excessive heat transfer to the FR middle and top layer.



Single Core Non-Sheathed 1100 PVC insulation copper conducto cable as per IS 694

HSN Code: 854460

Product Code	Nominal Area of Copper Conductor mm ²	Nos./Nom Diameter of wire Nos./mm	Nominal Thickness of insulation mm	Approx Overall Diameter mm	Max DC Resistance at 20°C Ohm/km	Current Rating 2 Cable Single Phase AC/DC Amp	MRP Rs (90m)	Std Pkg 90m/180m
EF - 0050	0.50	16/0.2	0.6	2.2	39.00	4	Please Refer to the Price List	NA/20
EF - 0075	0.75	24/0.2	0.6	2.4	26.00	7		16/12
EF - 0100	1	14/0.3	0.7	2.7	18.10	13		16/12
EF - 0150	1.5	22/0.3	0.7	3.0	12.10	16		12/8
EF - 0250	2.5	36/0.3	0.8	3.6	7.41	22		8/6
EF - 0400	4	56/0.3	0.8	4.1	4.95	29		6/4
EF - 0600	6	84/0.3	0.8	4.7	3.30	37		4/3
EF - 1000	10	140/0.3	1.0	6.2	1.91	51		2/NA
EF - 1600	16	126/0.4	1.0	7.3	1.21	69		2/NA
EF - 2500	25	196/0.4	1.2	9.2	0.78	91		1
EF - 3500	35	276/0.4	1.2	10.2	0.554	111		1
EF - 5000	50	396/0.4	1.4	12.3	0.386	140		1
EF - 7000	70	360/0.5	1.4	14.1	0.272	215		1

Colours : Red, Yellow, Blue, Black, Green & White

Supplied in 90m Box Packing
0.75 Sq. mm To 6 Sq. mm also available in 180m project packing
25 Sq. mm To 70 Sq. mm Supplied in 100m



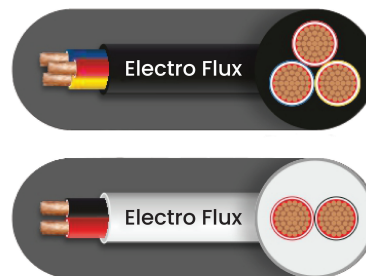
105°C
Base Insulation



SUPERIOR MULTI LAYERED PROTECTION

ROUND MULTI-CORE CABLES

Electro flux Multi-Core Cables are available for a wide range of applications. These cables are manufactured with special FR grade highly flexible PVC insulation and matching flexible sheathing compound that imparts superior flexibility, ability to withstand stretch and compressive force for electrical appliances. These are suitable for multifarious industrial uses.



1100V PVC Insulated & Sheathed

Industrial Cable As per IS 694

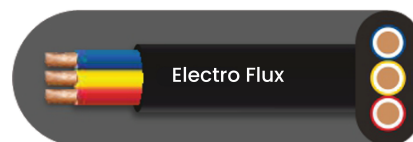
HSN CODE: 854460

Nom Area of Cond sqmm	Nos. / Nom Dia of wire Nos. / mm	Radial Thickness of Ins mm	Max DC Resist at 20°C Ohm / km	2 Core		3 Core		4 Core	
				Product Code	Current Rating Amp	Product Code	Current Rating Amp	Product Code	Current Rating Amp
0.5	16/0.20	0.6	39	EF 2CX0.50-100	4	EF 3CX0.50-100	3	EF 3CX0.50-100	3
0.75	24/0.20	0.6	26	EF 2CX0.75-100	7	EF 3CX0.75-100	6	EF 3CX0.75-100	6
1	32/0.20	0.6	19.5	EF 2CX1.0-100	12	EF 3CX1.0-100	10	EF 3CX1.0-100	10
1.5	30/0.25	0.6	13.3	EF 2CX1.5-100	16	EF 3CX1.5-100	14	EF 3CX1.5-100	14
2.5	50/0.25	0.7	7.98	EF 2CX2.5-100	20	EF 3CX2.5-100	18	EF 3CX2.5-100	18
4	56/0.30	0.8	4.95	EF 2CX4.0-100	27	EF 3CX4.0-100	24	EF 3CX4.0-100	24
6	84/0.30	0.8	3.3	EF 2CX6.0-100	34	EF 3CX6.0-100	30	EF 3CX6.0-100	30
10	140/0.30	1.0	1.91	EF 2CX10.0-100	44	EF 3CX10.0-100	39	EF 3CX10.0-100	39
16	126/0.40	1.0	1.21	EF 2CX16.0-100	61	EF 3CX16.0-100	55	EF 3CX16.0-100	55
25	196/0.40	1.2	0.78	EF 2CX25.0-100	69	EF 3CX25.0-100	60	EF 3CX25.0-100	60

Supplied in 100m Polybag Packing
*For MRP Rs (100m) Please refer to the Price List

FLAT SUBMERSIBLE CABLES

Electro flux Flat Submersible Cables are made with tailor- made PVC compound, designed to prevent water ingress, and perform for years under water.



FLAT THREE CORE

1100V PVC Insulated & Sheathed Cable

for Submersible Motor / Pump as per IS 694

HSN CODE: 854460

Product Code *100m	Nom Cross Sec Area of Conductor sqmm	Nos. & Dia of wire Nos. / mm	Non Ins Thickness mm	Nom Sheath Thickness mm	Approx O/all Dimension W x H mm	Max DC Resistance at 20°C Ohm / km	Current Rating Amp	Water Permeability / Penetration	MRP Rs (*100m)
EF 3CX1.5-100	1.5	22/0.3	0.7	1.0	11.2 x 5.1	13.3	16	Nil	please refer to the Price List
EF 3CX2.5-100	2.5	36/0.3	0.8	1.1	13.3 x 5.9	7.98	20		
EF 3CX4.0-100	4	56/0.3	0.85	1.2	45.3 x 6.7	4.95	27		
EF 3CX6.0-100	6	84/0.3	0.85	1.2	17.4 x 7.4	3.3	34		
EF 3CX10.0-100	10	80/0.4	1.05	1.3	22.8 x 9.4	1.91	44		
EF 3CX16.0-100	16	126/0.4	1.05	1.4	26.3 x 10.7	1.21	61		

Supplied in 100m polybag Packing
*Longer Length in Multiple of 100m can be supplied upto 100m

ZERO HALOGEN FLAME RETARDANT (ZHFR) ★

ZHFR with 105°C base Insulation

Made with best grade imported ZHFR insulation, Electro Flux Ultra Cables guarantee absolute zero emission of smoke and harmful toxic gases like halogen in an event of fire. Thus, Electro Flux Ultra Cables are best suited for superior safety of residential and commercial complexes, theatres, metro railways, chemical and nuclear plants, high security and defence installations, etc.



Single Core Crosslinked (HFI-XL 70) & Thermoplastic (HFI-TP 70)
Insulated Unsheathed 1100 Volts, Copper Conductor Cable as per IS 17048

HSN CODE: 854460

Product Code	Nominal Area of Copper Conductor mm ²	Number/Nominal Diameter of wire Nos./mm	Nominal Thickness of insulation mm	Approx Overall Diameter mm	Max DC Resistance at 20°C Ohm/km	Current Rating 2 Cable Single Phase AC/DC Amp	MRP Rs (180m)	Std Pkg 180m
EF - 0100	1	14/0.3	0.7	2.7	18.10	13	Please Refer to the Price List	12
EF - 0150	1.5	22/0.3	0.7	3.0	12.10	16		8
EF - 0250	2.5	36/0.3	0.8	3.6	7.41	22		6
EF - 0400	4	56/0.3	0.8	4.1	4.95	29		4
EF - 0600	6	84/0.3	0.8	4.7	3.30	37		3
EF - 1000	10	140/0.3	1.0	6.2	1.91	51		2/90m
EF - 1600	16	126/0.4	1.0	7.3	1.21	69		2/90m

ZS

Zero Toxic
Smoke

ZH

Zero
Halogen

105°C

Base
Insulation



Flame
Retardant



Higher Current
Capacity



Short Circuit
Protection

★ Only Available Bulk Order

Aluminium Wire

Aluminum wire is a wire that is used for electrical wiring in houses, power grids and airplanes. Aluminum wire is an alternative conducting material considering its electrical and mechanical properties and price compared to copper wire. Aluminum is a poorer electrical conductor compared to copper, so it is infrequently used in small applications such as home wiring.

Aluminium Wire Available in Below Mentioned Sizes	Also Available in Below Mentioned Sizes		
4.00 Sqmm	2 Core	3 Core	4 Core
6.00 Sqmm			
8.00 Sqmm			
10.00 Sqmm			
12.00 Sqmm			
14.00 Sqmm			
16.00 Sqmm			





Electro flux

Pvc Insulated Wire & Cable



Manufacture by :



9111777222, 8889882553



vijayendrabhatt@gmail.com



365/3/3 Avantika Nagar Gali No. 5 Near Agarbatti Complex
Sanwer Road Industrial Area Sec "A" Indore M.P.