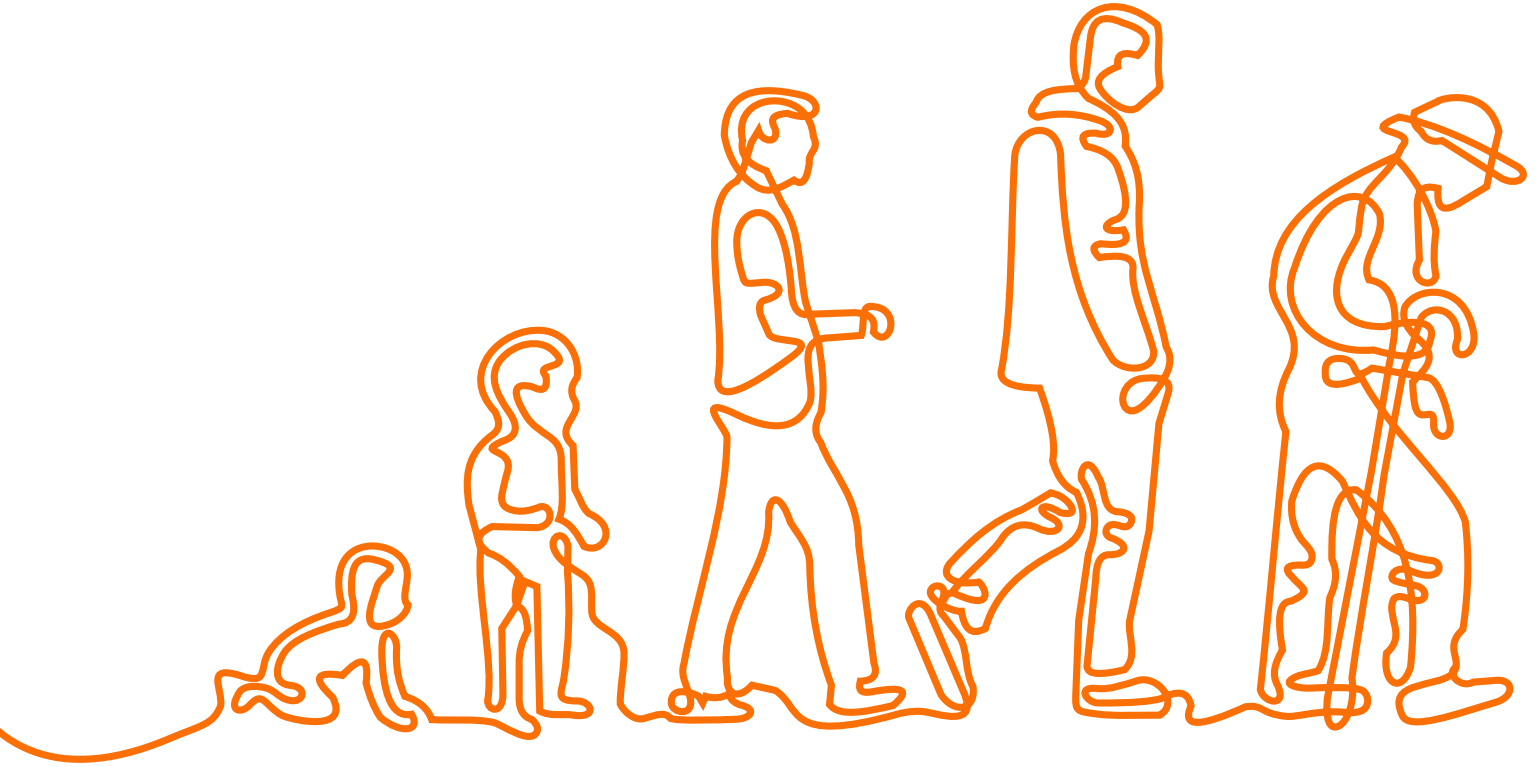




MARISON®
WIRES AND ACCESSORIES

WIRES

**Jo Chale Bachpan
Se Budhape Tak**





ELECTRIFYING PORTFOLIO OF MARISON

Marison Cable is a leading brand offering varieties of wires (Single Core & Multicore flexible cable and flat submersible cable) with a glorious track record of more than 35 Years. Marison Cable was incorporated for Trading and supplying of all electrical items.

Our electrical wires and cables have been widely accepted and used throughout the India by hospitals, major universities and schools, laboratories, restaurants, foreign embassies, major airlines, and more importantly by major construction companies. Customer Satisfaction and delivering the best product to the society is the hallmark of our success.

REASONS TO COUNT ON US

- Market Leader
- World Class Infrastructure
- Strong Position in Market
- Skilled Team
- Timely Material Dispatch
- Affordable Rates
- Transparency in Business

OUR REACH

- Contractor
- Government Projects
- Private Projects
- Solar Projects
- Housing Board
- Real Estate
- Pharmaceuticals
- Oil and Gas Refinery
- Ceramic Industries
- Plastic Industries
- Chemical Industries
- Textile Industries

GOVERNMENT APPROVALS

- Tamilnadu Housing Board
- Tamilnadu Slum Board
- Tamilnadu Police Housing Board
- Tamilnadu Urban Housing Board
- Tamilnadu Rural Housing Board
- Tamilnadu Agriculture Board



FR - Flame Retardant Wires

MARISON Wires and Cables come equipped with unmatched triple layer protection that ensures safety and durability. We deploy our cutting-edge technology and superior quality material to give you unmatched product quality.



Technical Specifications :

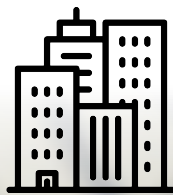


Approvals : IS : 694 - 2010
Voltage Grade : Up to 1100V.
Insulation : Formulated with grade of PVC compound to withstand higher conductor temperatures with Heat Resistant and Flame Retardant properties. These compounds retard compromising safety.
Insulation Conformity : IS 5831 Type C -HR 105°, FR 70° C, FR-LSH
Colours : Red, Yellow, Blue, Black, Green, White
Packaging : Available in 90 meter box packaging 180 meter project packaging 500 meter bobbin packaging

Applications :



Residential



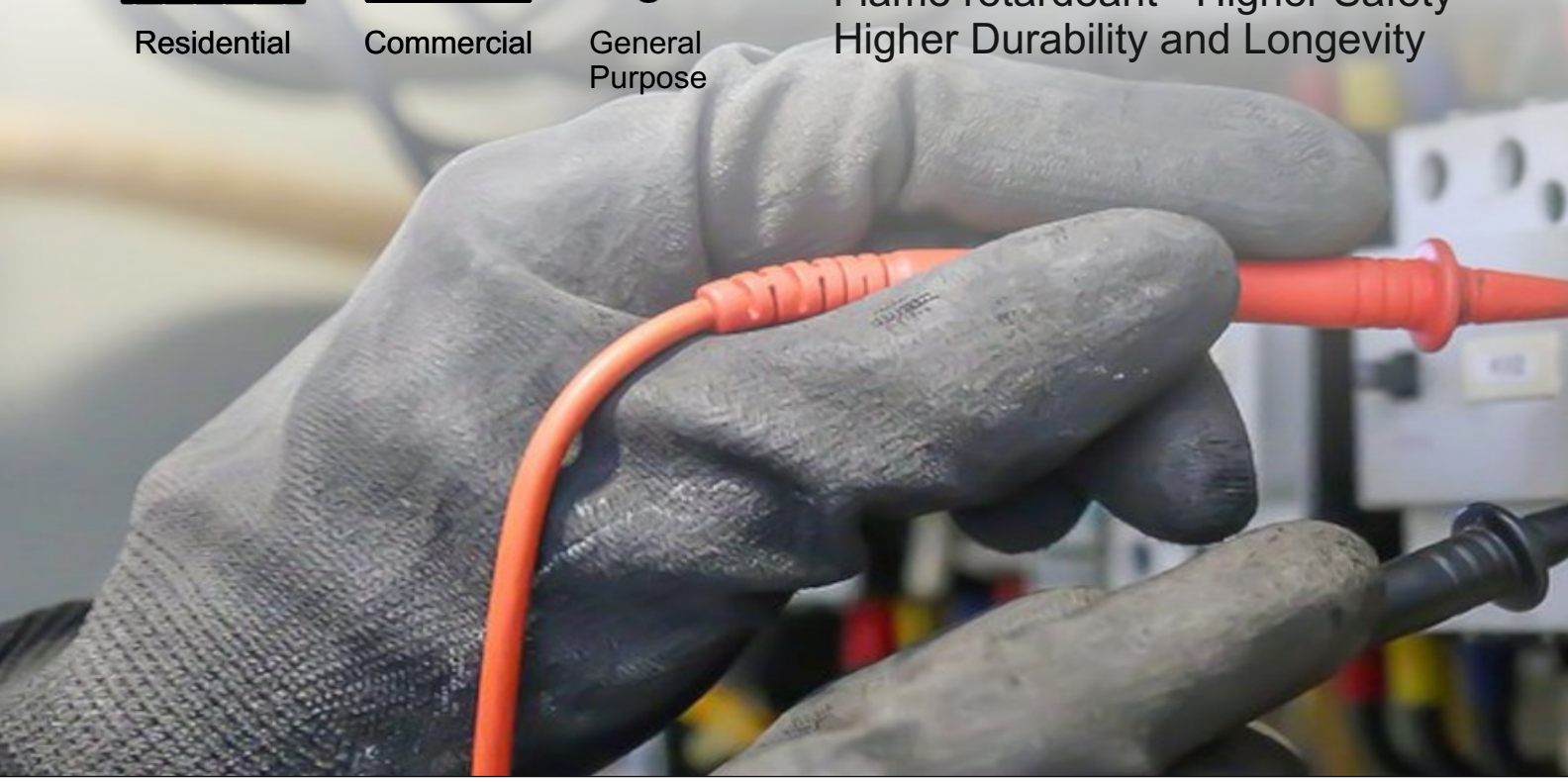
Commercial



General Purpose

Advantages :

High Conductivity - Power Saving
Flame retardant - Higher Safety
Higher Durability and Longevity



FR-LSH Flame Retardant Low Smoke Wires

MARISON Wires and Cables Flame Retardant Low smoke wires are manufactured as per IS : 694-2010 specially formulated PVC polymers help to reduce the toxic gases and smoke. This makes them safe, reliable and fire retardant.



Technical Specifications :



Approvals : IS : 694 - 2010
Voltage Grade : Up to 1100V.
Conductor : Fine Strands of electrolytic copper are drawn for uniformity of resistance, dimension and flexibility. The conductor shall be made form high conductivity copper rod. IS : 191 - 2007
Insulation : Specially formulated Heat Resistant and Flame Retardant Low smoke, compound is used. The insulation doesn't spread fire, The Smoke is negligible, transport and non-toxic
Insulation Conformity : IS 5831 Type C-HR 105, Type A/D FR-LSH 700
Colours : Entire wire has an orange stripe on the base of Red/Yellow/Blue/Green/Black.
Packaging : Available in 90 meter box packaging 180 meter project packaging 500 meter bobbin packaging

Applications :



Residential



Commercial



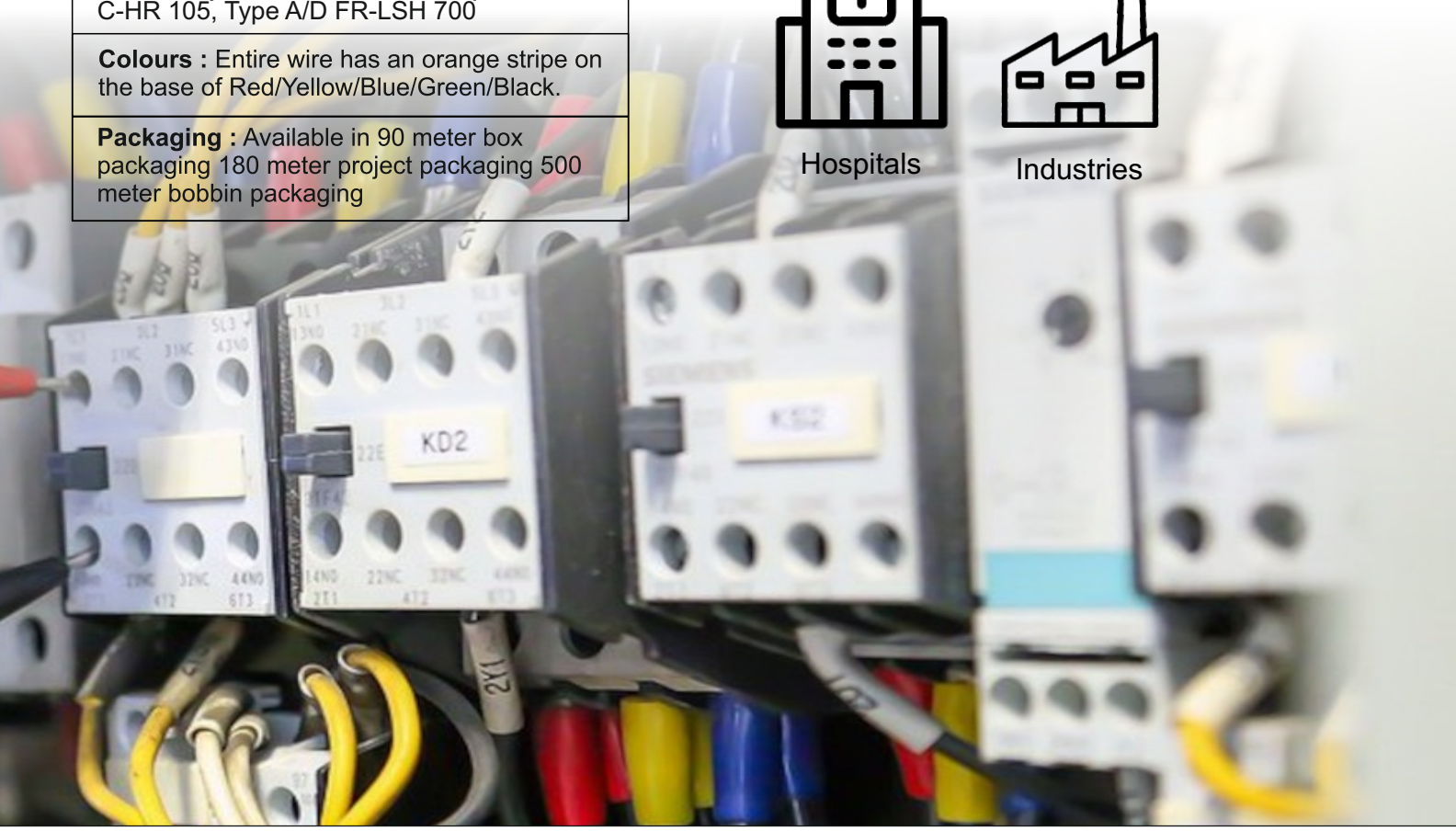
High-rise Buildings



Hospitals

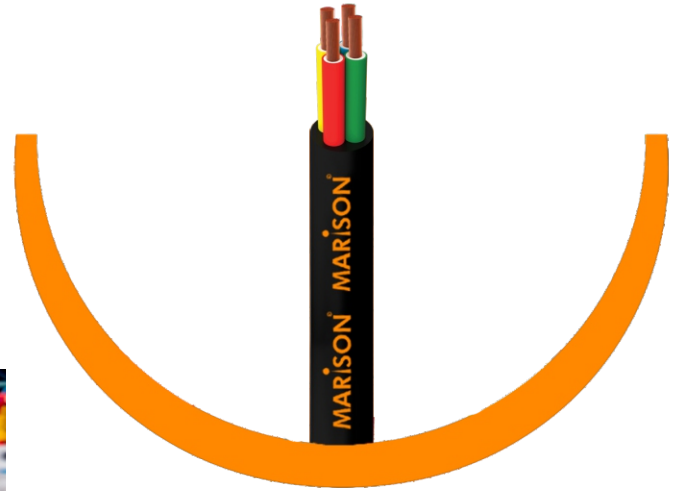


Industries



Multicore Flexible Cables

MARISON Wires and Cables come with energy efficiency, fire resistant, fire retardant, lead-free & non-toxic properties.



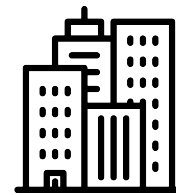
Technical Specifications :

Approvals : IS : 694 - 2010
Conductor : Electrolytic grade annealed bare copper.
Sheath Colour : Standard Black, Gray and White on Order.
Packaging : 100 meters & 500 meters.
Category : O1, FR, FR-LSH

Applications :



Residential



Commercial



General Purpose

Norminal Cross Sectional Area of Conductor	Number Nom. Dia of Condstarnds	Thickness of Insulation (Nom.)	Norminal Thickness of Sheath			Appx. Overall Diameter			Current Rating AC	Voltage Drop/ Amp/ Meter	Max. Conductor Resistance per Km at 20 C
			2 Core	3 Core	4 Core	2 Core	3 Core	4 Core			
sq.mm	mm	mm	mm	mm	mm	mm	mm	mm	Amp	mv	Ohms
0.5	16/0.20	0.6	0.9	9.0	9.0	6.2	6.5	7.0	4	83	39.0
0.75	24/0.20	0.6	0.9	9.0	0.9	6.6	6.9	7.5	7	56	26.0
1.0	32/0.20	0.6	0.9	0.9	0.9	6.9	7.3	7.9	11	43	19.50
1.5	30/0.20	0.6	1.0	1.0	1.0	7.4	7.8	8.7	13	31	13.30
2.5	50/0.20	0.7	1.0	1.0	1.0	8.4	9.4	10.2	18	18	7.98
4.00	56/0.30	0.8	1.0	1.0	1.0	10.2	10.9	10.9	24	11	4.95
6.00	84/0.30	0.80	1.1	1.1	1.0	11.5	12.2	13.6	31	8	3.30

Submersible Flat Cables

Marison wires and cables manufactures Submersible Flat Cables with fire retardant, Fire resistant low - lead and non-toxic insulation properties. These cables are manufactured to offer energy saving, durability and endure voltage fluctuations. The PVC insulated and sheath 3 core flat cables come high water-resistant, all weatherproof, longer flex life and abrasion resistant features.



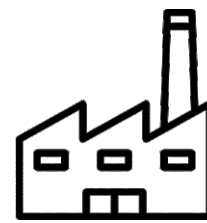
Technical Specifications :

Approvals : IS 694 marked
Conductor : Electrolytic grade annealed bare copper.
Core Colour : Red / Yellow / Blue
Outer Sheath Colour : Black
Packaging : Standard Packaging of 500 meters and 1000 meters, available in rolls and durms.

Applications :



Agriculture Pump



Industries

Nominal area of Conduct	*Number / size of wire for each Core	Thickness of Insulation (Nom.)	Thickness of sheath (Nom.)	SHEATH Approx Overall dimension		Max Conductor Resistance at 20° C (Max.)	Current Carrying Capacity at 40° C
				Width (W)	Height (W)		
sq.mm	mm	mm	mm	(Nom.)mm	(Nom.)mm	ohk/km	Amps.
1.50**	32/0.25	0.6	0.9	10.1	4.7	12.1	13
2.50**	50/0.25	0.7	1.0	12.2	5.5	7.41	18
4.00	56/.030	0.8	1.0	14.6	6.5	4.95	24
6.00	84/0.30	0.8	1.1	16.2	7.0	3.30	31
10.00	80/0.40	1.0	1.4	20.3	8.5	1.91	42
16.00	126/0.40	1.0	1.4	23.34	9.7	1.21	87
25.00	196/0.40	1.2	2.0	28.5	11.7	0.780	72
35.00	276/0.40	1.2	2.0	32.1	13.0	0.554	90

Armoured Cables

(Underground Cable)



Marison wires and cables manufactures large range of armoured & unarmoured cables with high grade conductivity annealed mltistranded plain copper & aluminium conductor Type A.
PVC insulated cores color coded laid-up PVC tape inner sheathed GI WIRE armoured overall type St1 PVC sheathed generally conforming to IS : 1554 (Part-1)

Technical Specifications :

Minimum Order Quantity : 100 Meter
Insulation Material : PVC
Number of Core : 2 Core, 3 Core, 3.5 Core, 4 Core
Length : 100 m/500/1000 m
Packaging Size (M) : 100/500/1000 m
Drum Length (mm) : 500/1000
Power/Voltage : 1100 v

Applications :



Residential



Commercial



High-rise Buildings



Hospitals



Industries

Type	Cross Sectional Area Sq.mm	No of Wires	Num. Thickness of PVC Insulation (mm)	Min. Thickness of PVC Inner Sheath (mm)	Nom. Dimerslons of Amour (mm)		Min. Thickness of PVC outer Sheath (mm)		Overall Diameter (Approx) (mm)		Net. Wt. of Cable (Approx) (Kg/Km)		Max. D.C. Resistance at 20°C Ohms/Km	Max. D.C. Resistance at 70°C Ohms/Km	Amps	In Duct Amps	In Air Amps
					Strip	Wire	Strip	Wire	Strip	Wire	Strip	Wire					
AYWY	1.5	1	0.8	0.3	-	1.40	-	1.24	-	13.5	-	370	18.1000	21.72	18	16	16
AYWY	2.5	1	0.9	0.3	-	1.40	-	1.24	-	15.0	-	400	12.1000	14.52	25	21	21
AYWY	4	1	1.0	0.3	-	1.40	-	1.24	-	16.5	-	500	7.4100	8.89	32	27	27
AYWY	6	1	1.0	0.3	-	1.40	-	1.24	-	17.5	-	600	4.6100	5.53	40	34	35
AYWY	10	1	1.0	0.3	-	1.40	-	1.24	-	19.0	-	620	3.0800	3.70	55	45	47
AYWY/AYFY	16	7	1.0	0.3	4x0.8	1.60	1.40	1.40	20.5	22.5	565	830	1.9100	2.29	70	58	59
AYWY/AYFY	25	7	1.2	0.3	4x0.8	1.6	1.40	1.40	24.0	23.0	700	9045	1.2000	1.44	90	76	78
AYWY/AYFY	35	7	1.2	0.4	4x0.8	1.60	1.40	1.40	22.5	24.0	810	1040	0.8680	4.04	110	92	89
AYWY/AYFY	50	7	1.4	0.4	4x0.8	1.60	1.40	1.56	25.0	27.0	1000	1290	0.6410	0.77	135	115	125
AYWY/AYFY	70	19	1.4	0.7	4x0.8	1.60	1.56	1.56	28.0	29.5	1230	1510	0.4430	0.53	160	140	150
AYWY/AYFY	95	19	1.6	0.7	4x0.8	2.00	1.56	1.56	31.5	34.0	1520	2060	0.3200	0.38	190	170	195
AYWY/AYFY	120	19	1.6	0.7	4x0.8	2.00	1.56	1.72	33.5	35.5	1765	2360	0.230	0.30	210	190	210
AYWY/AYFY	150	19	1.8	0.7	4x0.8	2.00	1.72	1.72	37.0	39.5	2060	2700	0.2060	0.25	240	210	240
AYWY/AYFY	185	37	2.0	0.7	4x0.8	2.00	1.88	1.68	41.0	43.0	2500	3175	0.1640	0.20	275	240	275
AYWY/AYFY	240	37	2.2	0.7	4x0.8	2.50	2.04	2.04	45.25	49.0	3075	42.20	0.1250	0.15	320	275	325
AYWY/AYFY	300	37	2.4	0.7	4x0.8	2.50	2.20	2.20	50.0	53.5	3760	4950	0.1000	0.12	355	305	365
AYWY/AYFY	400	61	2.6	0.7	4x0.8	3.15	2.36	2.52	55.5	60.5	4560	6560	0.0778	0.09	395	345	420



Vir Copper Wire

Marison wires and cables are manufactured from pure electrolytic grade C.C. rod copper and super grade PVC compound to ensure quality of highest standards and safety of national & international standards.

SIZE	Description	MM	Master Packing
3/20	2.5 sq.mm	0.36	20
7/20	4.0 sq.mm	0.36	18
7/18	6.0 sq.mm	0.44	8
7/54	10.0 sq.mm	0.54	6
7/16	16.0 sq.mm	0.64	6
19/16	50.0 sq.mm	0.64	2

Vir Aluminium Wire

Marison wires and cables manufactures Wires from pure electrolytic grade C.C. rod copper, H2 garde aluminium and super grade PVC compound to ensure quality of highest standards and safety of international standards.



SIZE	Description	MM	Master Packing
3/20	2.5 sq.mm	0.36	20
7/20	4.0 sq.mm	0.36	18
7/18	6.0 sq.mm	0.44	8
7/54	10.0 sq.mm	0.54	6
7/16	16.0 sq.mm	0.64	6
19/16	50.0 sq.mm	0.64	2



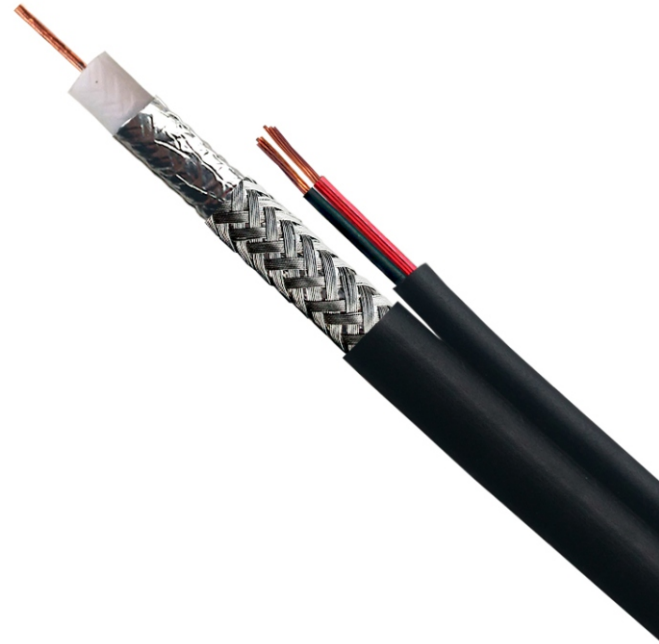
CCTV Cable : CTT (Clear Transmission Technology)

Marison CCTV Cables transmit high quality, minimal loss of video signals for better picture quality. Our cables are designed for minimum distortion form adequate signal strength.

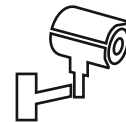
The range is available in 3+1 and 4+1 with White & Grey colours.

Technical Specifications :

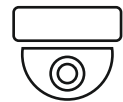
Both the cables come with electrolytic grade copper which is insulated with dielectric foam, taped with aluminium foil, jelly injected and aluminium alloy braided the outer sheathing is jacketed with high-quality compound, which is UV resistant.



Applications :



CCTV
Cameras



PTZ
Cameras

SPEAKER WIRE

Technical Specifications :

Electrolytic grade copper, annealed copper.
Cable Construction : The cables are manufactured with bright-annealed plain flexible electrolytic grade copper conductor, bunched compactly, insulated with specially formulated PVC compound, In order to offer uniform capacitance throughout length the distance between the two conductors in maintained uniformly.



Applications :



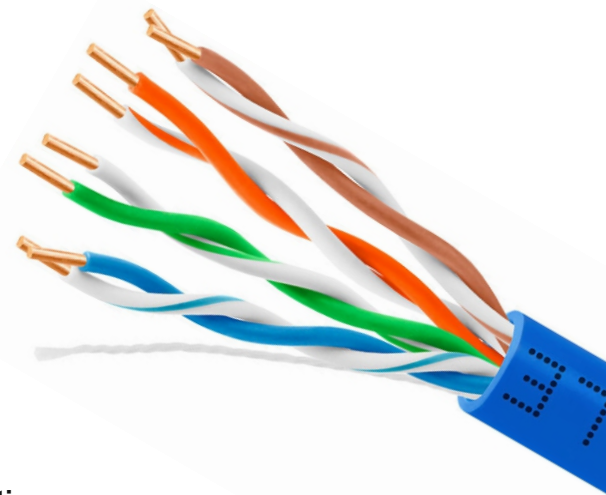
Speakers



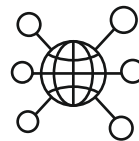
Home Theaters

NETWORKING CABLE

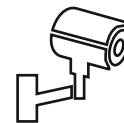
CAT 6, CAT 6+, CAT 6++, UTP, UHS (Ultra High speed), UV Cables are high performance cables ideal for modern computer network systems. Marison category known as CAT 6 comes with STAR SEPARATOR, UHS tech for very high-speed data transmission.



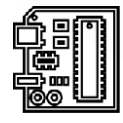
Applications :



High-end
Networking



IP CCTV
Cameras



International Board
Networking

Co-axial Cable

Co-axial cable is made with metal shield to block signal interference. The cables are designed to allow the center conductor to transmit faster and clearer while being protected from damage and interference.

Technical Specifications :

Size : RG-59, RG-6, RG-11
Inner Conductor : Solid Copper, copper clad aluminium.
Insulation: UV resistance, High grade PVC component.
Outer Conductor : Bonded Poly-aluminium Tape, Braided with Aluminium Alloy, Wire, Copper wire.
Outer Jacket : UV Resistant Black PVC Jacket.
Marking : Progressive Sequential Length Marking on Every Metre.
High Frequency Co-axial cables with copper braiding.

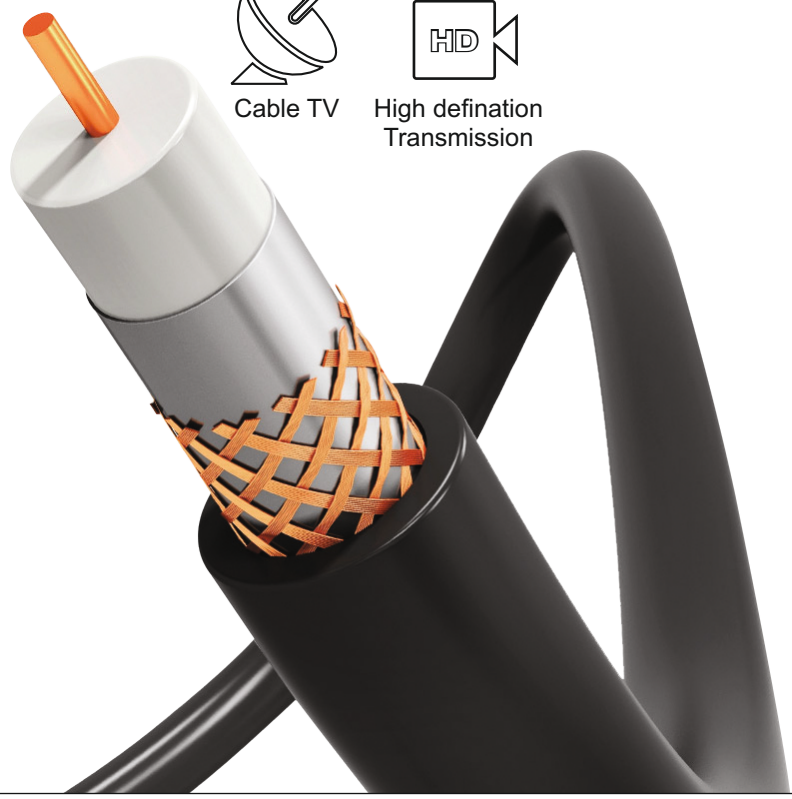
Applications :



Cable TV

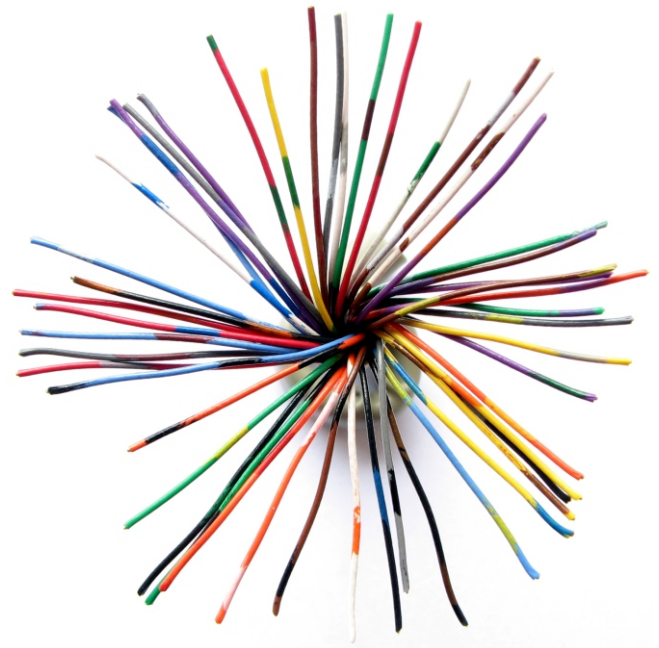


High definition
Transmission



Switchboard - Telephone Cable

Marison manufactured Telephone Cables in conformance to TEC or as per customer specification. Marison range in manufactured using superior quality, high-grade copper wire that provides higher solder ability, better elongation and twist resistant capability.



Technical Specifications :

Twisted colour coded pairs for easy identification.
Solid annealed tinned copper conductor.
Grey colour PVC sheathed.

Range : 1 pair, 2 pair, 3 pair, 4 pair, 5 pair, 10 pair, 20 pair, 50 pair, 100 pair, and 200 pair on order. Customized specification with different insulation and conductor sizes we available on order.

Applications :



EPBAX Systems



Internal Home Connections



Industries Systems

Fire Alarm Cable

APPLICATION

These cables are used in high rise buildings, commercial complexes, schools and educational institutions, hospitals, etc, for the conection with security systems like smoke detectors, emergency lightings, exit signboards and fire command center. These cables are used where the fire safety is utmost important.

PROPERTIES

Low smoke zero halogen (LSZH), flame retardant.

Part Number	No. of Cores & Nominal Cross Section Area (Sp mm)	No. of Strands / Strand Diameter (mm)	Nominal Overall Diameter (mm)
100100201105	2x1.5	7/0.53	10.0
100100201205	2x2.5	7/0.67	11.5
100100201105	3x1.5	7/0.53	10.8
100100201205	3x2.5	7/0.67	12.5
100100201105	4x1.5	7/0.53	12.0
100100201205	4x2.5	7/0.67	13.5



WIRES & ACCESSORIES



MINIATURE CIRCUIT BREAKER

Marison wires and cables manufactures MCB stands for Miniature Circuit Breakers. The MCB is an electromechanical device that switches off the circuit automatically if an abnormality is detected. The MCB easily senses the overcurrent caused by the short circuit.

SINGLE POLE MCB

Item Code	Rating / Amps.	MRP	Series
FR - 1511	6-32 Amp.	220.00	C
FR - 1152	40 Amp.	275.00	C
FR - 1153	63 Amp.	275.00	C

DOUBLE POLE MCB

Item Code	Rating / Amps.	MRP	Series
FR - 1554	6-32 Amp.	500.00	C
FR - 1155	40 Amp.	545.00	C
FR - 1156	63 Amp.	545.00	C

THREE POLE MCB

Item Code	Rating / Amps.	MRP	Series
FR - 1157	6-32 Amp.	775.00	C
FR - 1158	40 Amp.	920.00	C
FR - 1159	63 Amp.	920.00	C

FOUR POLE MCB

Item Code	Rating / Amps.	MRP	Series
FR - 1160	6-32 Amp.	1130.00	C
FR - 1161	40 Amp.	1270.00	C
FR - 1162	63 Amp.	1270.00	C

ISOLATOR POLE MCB

Item Code	Rating / Amps.	MRP	Series
FR - 1163	40 Amp. DP	400.00	C
FR - 1164	63 Amp. DP	400.00	C
FR - 1165	40 Amp. FP	820.00	C
FR - 1166	63 Amp. FP	820.00	C



MCB'S
& ISOLATOR

MARISON[®]
WIRES AND ACCESSORIES

MCB'S
& ISOLATOR

**MCB'S
& ISOLATOR**

RESIDUAL CURRENT CIRCUIT BREAKERS (RCCB/ELCB) as per IS : 12640:1:2008

Item Code	AMP.	DOUBLE POLE PRICE(Rs.) 30mA/100mA/300mA	FOUR POLE PRICE(Rs.) 30mA/100mA/300mA
FR - 1163	16A	1495.00	2040.00
FR - 1164	25A	1530.00	2075.00
FR - 1165	32A	1570.00	2145.00
FR - 1166	40A	1640.00	2245.00
FR - 1167	63A	1720.00	2410.00
FR - 1168	100A	2055.00	3480.00



MINI CHANGEOVER

Item Code	Rating / Amps.	Pole
FR - 1565	25 Amp.	2 Pole
FR - 1566	40 Amp.	2 Pole
FR - 1567	25 Amp.	4 Pole
FR - 1568	40 Amp.	4 Pole



PVC Electrical Tape

Marison with good adhesive is used in general purpose, electrical, construction, printing plate mounting and wire harnessing applications.

- Flame Retardant
- High Adhesive
- Water & Weather Proof
- High Stability
- High Heat Retention.

NON AVAILABLE	
CODE	MT 0101
THICKNESS	0.125MM
WIDTH	18MM
LENGTH	7mtrs
COLOUR	Red, Black, Yellow, Blue, Green
STRENGTH WITH STANDS	upto 40w
MRP (Rs)	15.00 (incl. of all taxes)
PACKING	30 Rolls

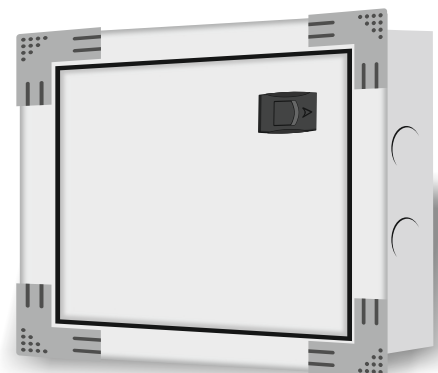


DOUBLE DOOR

Item Code	WAYS
FR - 1569	4 WAY
FR - 1570	6 WAY
FR - 1571	8 WAY
FR - 1572	10 WAY
FR - 1573	12 WAY
FR - 1574	16 WAY

Specification

IEC 61439 - 3, IS 13032 & IS 8623.





TEARMS & CONDITIONS :

1. The above prices are exclusive of GST
2. Local freight Octroi will be charged extra.
3. The list price supercedes all our previous price lists.
4. The prices are subject to change without prior notice.
5. Company reserves the right to issue ammendments, which may arise due to any error in list price.
6. As per the international practice which is also adopted by BIS, the size of conductor is determined by its resistance. The construction of the prescribed limits of IS8130:1994 with related class and tables.
7. Prices for products not mentioned in this list price available on request

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