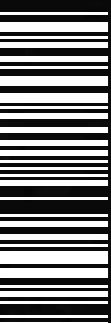




**AAPKI  
SURAKSHA  
HAR DIN HAR PAL**

WIRES & CABLES MANUAL 2026





# 63 GMA avenue

## upcoming project

### Goldmedal Corporate Head Office

Introducing Goldmedal's brand new corporate headquarters, a soaring symbol of innovation and productivity. Located at the heart of Mumbai's western suburbs on S. V. Road, Goregaon West, this new business center of the company is well connected to the Western Express Highway, railway station, bus stops, and taxi stands.

Home to the company's management and staff, 63 GMA has been designed with a captivating layered structure that harmoniously blends together to create a visually striking and architecturally pleasing building. Its innovative design not only adds depth and dimensions to the building but also fosters a collaborative way of working that encourages the Goldmedal workforce to work as a team towards a common mission.

The 31-storeyed glass façade headquarters has been designed to inspire creativity, foster collaboration, and drive productivity, paving the way to a world of limitless possibilities. From open-plan areas to private offices, a sky garden, private decks, and spacious meeting rooms, this centre offers versatile spaces that help teams to perform efficiently, making it a perfect place for work and play. In addition to exceptional workspaces and amenities, this head office boasts advanced technology, ensuring seamless connectivity and efficient operations.

For years, Goldmedal has been a pioneer in the electrical industry by introducing cutting-edge technology and innovative products that not only meet current needs but also anticipate future requirements. The new headquarters of Goldmedal, equipped with state-of-the-art facilities and amenities, will help the company to continue leading the industry by ensuring a superior work environment. With 63 GMA, Goldmedal is all set to welcome a new era of innovation.



# experience the **amazing!**

---

Simply amazing!

How amazing can electrical switches, lights, fans, and wires be? Unbelievably so, if you look at the Goldmedal range of products. First of all, they are all so fashionable to look at - from their sleek lines to their gorgeous colours and finishes, these products are a fashionista's dream come true. They can truly elevate any space with their stunning looks.

But you don't have to go by their looks alone. Consider their functionality and you'll appreciate why they are so amazing! Whether it is their home automation products or their fans or their LED lights or even simple products like switches and modular plates; every product has a unique design that has a purpose to it. Most of them are designed with Indian conditions, needs, and tastes in mind. Every product is thus a wonderful blend of style and functionality.

As someone who appreciates great style and loves incorporating such products in their daily lifestyle, I'm absolutely thrilled to be associated with the Goldmedal brand. Their products complement my sense of fashion and it's exciting for me to showcase these products to you! I hope you'll find them equally amazing!

**Jacqueline Fernandez**  
Brand Ambassador

*Jacqueline*



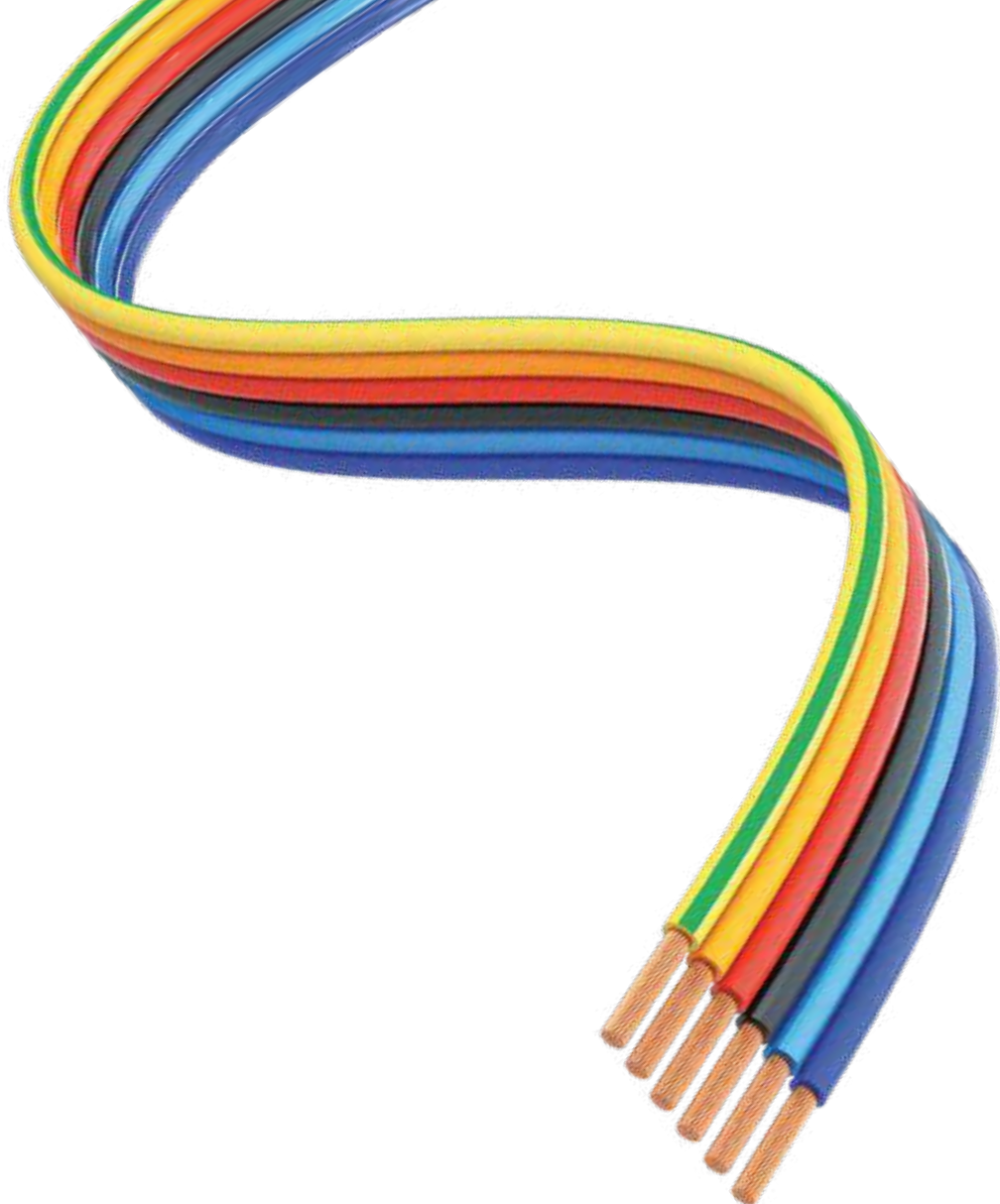


reddot winner 2025

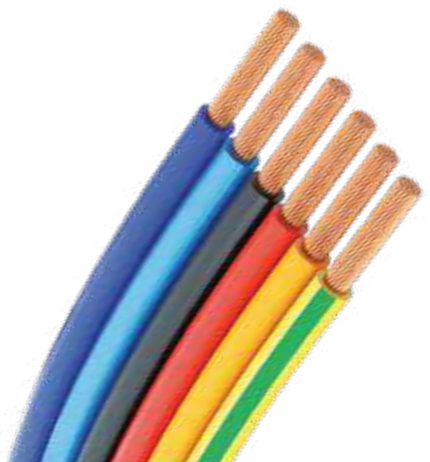
loom.

**Crafted for India.  
Celebrated by the World.**

The Loom switch by **Goldmedal** has been awarded the prestigious Red Dot Award — one of the highest honours for design excellence. Integrating fabric as a functional element, Loom is a bold reimagination of a household essential. This global recognition reaffirms Goldmedal's commitment to creating everyday products that are not just functional, but truly world-class.



# WIRES & CABLES MANUAL 2025



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Halogen Cables

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Flame Retardant Lead  
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FR

Flame Retardant  
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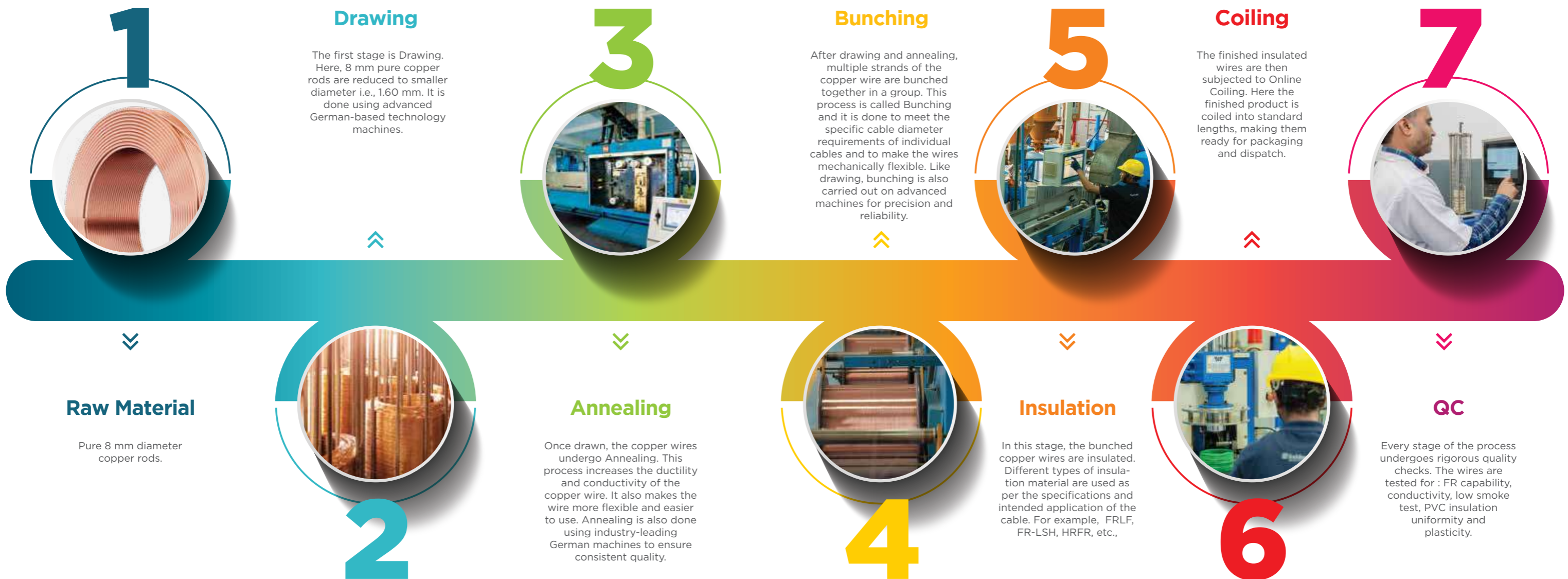
80-83

OUR  
CLIENTELE

# Making of Goldmedal Wires & Cables

At Goldmedal, the process of making electrical wires can be understood in the following steps:

**Drawing > Annealing > Bunching > Insulation > QC**



# certifications & accreditations



## company standards

Our vision for achieving the highest standards of quality has earned us the prestigious ISO 9001:2015 certification for quality management systems, providing a framework to consistently deliver products and services that meet customer and regulatory requirements and enhance customer satisfaction through effective application and continuous improvement. We have also been awarded ISO 14001, the global standard for Environmental Management Systems and OHSAS 18001 (Occupational Health and Safety Management Systems), which recognises our efforts to minimise material loss and reduce workplace injuries through effective hazard prevention and control. This certification is designed to help organisations establish occupational health and safety policies and objectives in line with legislative requirements and identified OH&S (Occupational Health and Safety) risks. It clearly defines the requirements for implementing an effective OH&S Management System.

In addition, our products carry the CE (European Conformity) mark, which signifies that our products comply with European Union health, safety, and environmental protection standards, allowing their free movement and sale within the European Economic Area (EEA). These certifications not only guarantee the quality of our products, they also inspire us to set higher standards of quality through innovation and advanced R&D activities while assuring our customers of optimum satisfaction, safety and delight when using our products.

Above all, we are also a BIS-certified company. The Bureau of Indian Standards (BIS) certification is an Indian quality assurance certification that confirms our products meet the stringent Indian standards for safety and quality. At Goldmedal, we recognize our responsibility to our environment and the communities in which we live. We work safely so that the health and well-being of individuals are promoted, maintained and the environment is protected.



# range available



**FR - LSH**  
FLAME RETARDANT  
LOW SMOKE &  
HALOGEN CABLES



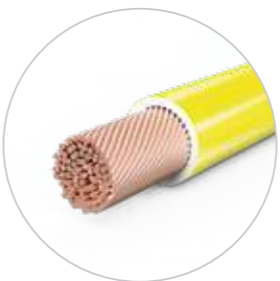
**PLATINA**  
FLAME RETARDANT  
LEAD FREE CABLES



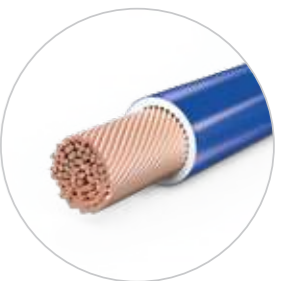
**FR**  
FLAME RETARDANT  
CABLES



**PLATINA GO GREEN**  
HEAT RESISTANT FLAME RETARDANT  
LOW SMOKE & HALOGEN - LEAD FREE



**AIR**  
FLAME RETARDANT  
LEAD FREE CABLES



**HFFR**  
HALOGEN FREE FLAME  
RETARDANT CABLES



**SUBMERSIBLE / XLPE**  
SUMMERSIBLE CABLES  
FLAT CABLES



**MULTICORE ROUND**  
FLEXIBLE CABLES



**COMPUTER & LAN**  
NETWORKING CABLES



**JELLY FLOODED**  
CO-AXIAL CABLES



**CCTV**  
CABLES



**SPEAKER**  
FLEXIBLE CABLES



**TWISTED**  
FLEXIBLE CABLES



**TELEPHONE  
& SWITCHBOARD**  
CABLES



**CTS & VIR**  
COPPER CABLES



**SINGLE CORE / TWIN FLAT**  
ALUMINIUM CABLES



**SINGLE CORE / TWIN CORE SOLID**  
ALUMINIUM CABLES



**MULTI CORE ROUND**  
SOLID ALUMINIUM CABLES

## wires & cables **division**

The manufacturing of the very best quality wires and cables can only be done when you have world-class setup and processes. Goldmedal has a state-of-art manufacturing unit located at Bhiwadi, Rajasthan. Our machineries are developed by industry's leading machine manufacturers like NIEHOFF (German-based company) and SUPERMAC.

Starting from Rod Breakdown (RBD) to Wire Drawing to Insulation, every process is fine-tuned to perfection and managed by experienced personnel. Quality testing is a crucial part in each part of the process at Goldmedal. We ensure that every product is tested exhaustively to deliver defect-free wires and cables, every time. Nothing is left to chance.

At Goldmedal, we take pride in manufacturing some of the very best wires and cables in the country. We continuously evaluate our processes and facilities to make sure that you never have to compromise on the quality of wires and cables you use.

# FLAME RETARDANT LOW SMOKE & HALOGEN WIRE



## FR-LSH

### FLAME RETARDANT LOW SMOKE & HALOGEN

Goldmedal FR-LSH flexible cable is insulated with a PVC compound that has excellent flame-retardant properties that can withstand temperatures up to 70°C. The cables have high dielectric strength that makes them good insulators. The flexibility of the cable makes it easy for installations and any application with a low bending radius.

#### APPLICATIONS :

Particularly suitable for wiring in fire and explosion prone areas where evacuation during fire is of utmost necessity. Ideal for chemical factories, densely wired areas, residential apartments, schools, hospitals, commercial complexes, theatres, etc.

#### SKIN COLOUR



Customised colours available on request.

#### MULTI STRANDED FLEXIBLE COPPER CONDUCTOR

FR-LSH cables are made of electrolytic grade, bright annealed bare copper with more than 100% conductivity conforming to IS 8130:2013.

#### INSULATION

The conductors are insulated with FR-LSH compound with an oxygen index of >29% which increases its efficiency in firefighting. FR-LSH cables produce very less toxic gas and smoke while burning as compared to general PVC insulated cables. This ensures improved visibility for evacuation of trapped victims which facilitates fire-fighting operations.

#### MARKING

GOLDMEDAL CABLES (Size)  
Y (FR-LSH) 1100 V IS 694  
CM/L - No. 0003067047 CE



0.5 sq.mm  
- 25 sq.mm



Voltage up to &  
including 1100 V



Extra  
flexibility



IS 694:2010,  
IS 8130:2013,  
IS 5831:1984.



Supplied in  
packed  
coils.

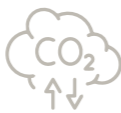
FR-LSH CABLE FEATURES



High flame retardancy



Good visibility during fire hazards making it easy to escape



Low emission of smoke



Saves energy



High thermal stability



High dielectric strength to reduce risk of electrical break downs



High dielectric strength to withstand abrupt voltage increase

Flame Retardant Low Smoke and Halogen (FR-LSH) PVC Insulated (Unsheathed) single core multi strand cable with electrolytic grade annealed copper conductor suitable for up to and including 1100 Volts conforming to IS 694:2010

Technical Specifications For Single Core, PVC Insulated Unsheathed Cables						
Conductor nominal area in Sq.mm	Number & nominal diameter of wire in No./mm	Resistance (Maximum) per km. @ 20 °C in Ohm	Approximate overall diameter in mm	Nominal thickness of insulation in mm	Current carrying capacity Two cables, single phase	
					In conduit / trunking in Ampere	Unenclosed-clipped directly to a surface or on cable tray in Ampere
0.5	16/0.2**	39.0	2.2	0.6	3	4
0.75	24/0.2**	26.0	2.3	0.6	6	7
1.0	14/0.3*	18.1	2.7	0.6	11	12
1.5	22/0.3*	12.1	3.0	0.7	13	16
2.5	36/0.3*	7.41	3.6	0.8	18	22
4.0	56/0.3**	4.95	4.0	0.8	24	29
6.0	84/0.3**	3.3	4.6	0.8	31	37
10.0	140/0.3**	1.91	6.1	1.0	42	51
16.0	126/0.4**	1.21	7.2	1.0	57	68
25.0	196/0.4**	0.78	9.1	1.2	71	86

\*Conductor as per class 2 of IS 8130, \*\*Conductor as per class 5 of IS 8130 of BIS specification.

FLAME  
RETARDANT  
LEAD FREE  
WIRE



# PLATINA

## FLAME RETARDANT LEAD FREE

GOLDMEDAL PLATINA FRLF cable is a single core multi-stranded copper wire with lead-free PVC compound having excellent flame-retardant properties that can withstand heat up to 70°C. The cables have high dielectric strength making them good insulators. The flexibility of the cable makes it easy for installations and applications with low bending radii. The composition of the insulation also protects it from rodents and termites.

### APPLICATIONS :

Can be used in residences, apartments, schools, theatres, commercial complexes, high rise buildings, fire alarms, and emergency lighting circuits.

### SKIN COLOUR



Customised colours available on request.



### MULTI STRANDED FLEXIBLE COPPER CONDUCTOR

Thin strands of electrolytic copper are multi-drawn simultaneously for uniformity of resistance, dimension, and flexibility. Flame retardant cables are made of electrolytic grade, bright annealed bare copper with more than 100% conductivity conforming to IS 8130:2013.

### INSULATION

The conductor is insulated with FR Grade PVC compound having RoHS compliant high insulation resistance, oxygen index, temperature index, and dielectric strength. This prevents leakage of electric current along with protecting the wire from rodents and termites. The flame-retardant properties minimize the spread of fire which ensures complete safety during overload & short circuits.

### MARKING

GOLDMEDAL PLATINA CABLES  
(Size) Y(FR) LF 1100 V IS 694  
CM/L - No. 0003067047 CE



0.5 sq.mm  
- 70 sq.mm



Voltage up to &  
including 1100 V



Extra  
flexibility



IS 694: 2010,  
IS 8130:2013,  
IS 5831:1984



Supplied in  
packed coils

## PLATINA FR LF CABLE FEATURES



High flame  
retardancy



Flexible for  
easy wiring



Bunch  
conductor



Saves energy



High thermal  
stability



Pure copper  
more than 99.9 %



Anti rodent &  
Anti termite



Good visibility during  
fire hazards making  
it easy to escape



High dielectric strength  
to prevent electrical  
break down easily

Flame Retardant Lead Free (FRLF) Anti Rodent and Anti Termite PVC Insulated (Unsheathed) single core multi strand cable with electrolytic grade annealed copper conductor suitable for up to and including 1100 Volts conforming to IS 694:2010.

### Technical Specifications For Single Core, PVC Insulated Unsheathed Cables

Conductor nominal area in Sq.mm	Number & nominal diameter of wire in No./mm	Resistance (Maximum) per km. @ 20 a°C in Ohm	Approximate overall diameter in mm	Nominal thickness of insulation in mm	Current carrying capacity Two cables, single phase	
					In conduit / trunking in Ampere	Unenclosed-clipped directly to a surface or on cable tray in Ampere
1.0	14/0.3*	18.1	2.7	0.6	11	12
1.5	22/0.3*	12.1	3.0	0.7	13	16
2.5	36/0.3*	7.41	3.6	0.8	18	22
4.0	56/0.3**	4.95	4.0	0.8	24	29
6.0	84/0.3**	3.3	4.6	0.8	31	37
10.0	140/0.3**	1.91	6.1	1.0	42	51
16.0	126/0.4**	1.21	7.2	1.0	57	68
25.0	196/0.4**	0.78	9.1	1.2	71	86

\*Conductor as per class 2 of IS 8130, \*\*Conductor as per class 5 of IS 8130 of BIS specification.

# FLAME RETARDANT WIRE

## FR

### FLAME RETARDANT

GOLDMEDAL FR cables is a single core multi-stranded copper wire with PVC compound having self-extinguishable properties that can withstand heat up to 70°C. The cables have high oxygen and temperature index. These cables are engineered to limit the spread of flames, even if a fire occurs, and may self-extinguish within a limited time.

#### APPLICATIONS :

Can be used in residences, apartments, schools, theatres, commercial complexes, high rise buildings, fire alarms, and emergency lighting circuits.

#### SKIN COLOUR



Customised colours available on request.

#### MULTI STRANDED FLEXIBLE COPPER CONDUCTOR

Thin strands of electrolytic copper are multi-drawn simultaneously for uniformity of resistance, dimension, and flexibility. Flame retardant cables are made of electrolytic grade, bright annealed bare copper with more than 100% conductivity conforming to IS 8130:2013.

#### INSULATION

The conductor is insulated with FR Grade PVC compound having high insulation resistance, oxygen index, temperature index, and dielectric strength. The flame-retardant properties minimize the spread of fire which ensures complete safety during overload & short circuits.

#### MARKING

GOLDMEDAL CABLES (Size)  
Y(FR) 1100 V IS 694  
CM/L - No. 0003067047 CE



0.5 sq.mm  
- 70 sq.mm



Voltage up to &  
including 1100 V



Extra  
flexibility



IS 694: 2010,  
IS 8130:2013,  
IS 5831:1984



Supplied in  
packed coils

## FR CABLE FEATURES



High flame  
retardancy



Flexible for  
easy wiring



Bunch  
conductor



Saves energy



High thermal  
stability



Pure copper  
more than 99.9 %



High dielectric strength  
to prevent electrical  
break down easily



Good visibility during  
fire hazards making  
it easy to escape

Flame Retardant (FR) PVC Insulated (Unsheathed) single core multi strand cable with electrolytic grade annealed copper conductor suitable for up to and including 1100 Volts conforming to IS 694:2010.

Technical Specifications For Single Core, PVC Insulated Unsheathed Cables						
Conductor nominal area in Sq.mm	Number & nominal diameter of wire in No./mm	Resistance (Maximum) per km. @ 20 a°C in Ohm	Approximate overall diameter in mm	Nominal thickness of insulation in mm	Current carrying capacity Two cables, single phase	
					In conduit / trunking in Ampere	Unenclosed-clipped directly to a surface or on cable tray in Ampere
0.5	16/0.2**	39	2.2	0.6	3	4
0.75	24/0.2**	26	2.4	0.6	6	7
1	14/0.3*	18.1	2.7	0.7	11	12
1.5	22/0.3*	12.1	3	0.7	13	16
2.5	36/0.3*	7.41	3.6	0.8	18	22
4	56/0.3**	4.95	4.1	0.8	24	29
6	84/0.3**	3.3	4.7	0.8	31	37
10	140/0.3**	1.91	6.1	1.0	42	51
16	126/0.4**	1.21	7.2	1.0	57	68
25	196/0.4**	0.78	9.1	1.2	71	86

\*Conductor as per class 2 of IS 8130, \*\*Conductor as per class 5 of IS 8130 of BIS specification.

# GO GREEN

Going green is more than a trend — it's a conscious decision taken to reduce pollution, minimize waste, and embrace a more sustainable way of living. At Goldmedal, we're proud to take a step in that direction with our Green Cables.

Designed with minimal environmental impact in mind, our Green Cables are made using recyclable and reusable raw materials. These materials are not only eco-friendly but safe enough to be repurposed into everyday products like footwear and kitchen utensils.

With Goldmedal Green Cables, you're not just investing in performance — you're investing in a cleaner, greener future.

# PLATINA GO GREEN HR FR-LSH LF CABLES



## PLATINA GO GREEN

### HEAT RESISTANT FLAME RETARDANT LOW SMOKE AND HALOGEN LEAD FREE CABLES

GOLDMEDAL PLATINA GO-GREEN Cable is a HR FR LSH LF single core multi-stranded copper cable insulated with specially formulated polymers that restrict the emission of any type of toxic gases, making it environment friendly while also protecting it from rodents and termites.

#### APPLICATIONS :

Can be used where environment protection and fire safety are more important. Ideal for schools, theatres, commercial complexes, air-conditioned apartments, high rise buildings, and industrial complexes.

#### SKIN COLOUR



Customised colours available on request.

#### MULTI STRANDED FLEXIBLE COPPER CONDUCTOR

Many thin strands of electrolytic copper are fine-drawn simultaneously for uniformity of resistance, dimension, and flexibility. The drawn strands are twisted in high precision machines and compacted. This imparts circularity to the bunched conductor and also prevents the tendency of strands to separate and exert internal pressure on the insulation when the cable is bent during installation and usage.

#### INSULATION

Specially formulated RoHS Compliant Heat Resistant Flame Retardant Low Smoke and Halogen Lead Free with anti-rodent and anti-termite PVC compound is used. A rating of 85°C enables the cable to withstand overloads without compromising safety. Its FR-LSH property ensures that the flame is not propagated and also very low, non-toxic gases emerge during a fire incident.

#### MARKING

GOLDMEDAL CABLES (Size)  
Y (FR-LSH) HR LF 1100 V IS 694  
CM/L - No. 0003067047 CE



0.5 sq.mm  
- 70 sq.mm



Voltage up to &  
including 1100 V



Extra  
flexibility



IS 694: 2010,  
IS 8130:2013,  
IS 5831:1984



Supplied in  
packed coils &  
drums

GO GREEN HR FR-LSH LF CABLE FEATURES



ECO-friendly



Extra safe



Extra current  
carrying capacity



Pro life



High thermal  
stability



Advance technology  
application



Anti rodent &  
Anti termite

Heat Resistant Flame Retardant Low Smoke and Halogen Lead Free (HR FR-LSH LF) PVC Insulated (unsheathed) single core multi strand cable with electrolytic grade annealed copper conductor is suitable for up to and including 1100 Volts conforming to IS 694:2010.

Technical Specifications For Single Core, PVC Insulated Unsheathed Cables						
Conductor nominal area in Sq.mm	Number & nominal diameter of wire in No./mm	Resistance (Maximum) per km. @ 20°C in Ohm	Approximate overall diameter in mm	Nominal thickness of insulation in mm	Current carrying capacity Two cables, single phase	
					In conduit / trunking in Ampere	Unenclosed-clipped directly to a surface or on cable tray in Ampere
0.5	16/0.2	39.0	2.2	0.6	3	4
0.75	24/0.2	26.0	2.3	0.6	6	7
1.0	32/0.2	19.5	2.4	0.6	11	12
1.5	30/0.25	13.3	2.7	0.6	13	16
2.5	50/0.25	7.98	3.4	0.7	18	22
4.0	56/0.3	4.95	4.0	0.8	24	29
6.0	84/0.3	3.3	4.6	0.8	31	37
10.0	140/0.3	1.91	6.1	1.0	42	51
16.0	126/0.4	1.21	7.2	1.0	57	68
25.0	196/0.4	0.78	9.1	1.2	71	86

Conductor as per class 5 of IS 8130 of BIS specification.



# AIR FLAME RETARDANT LEAD FREE WIRE



## AIR

### FLAME RETARDANT LEAD FREE

GOLDMEDAL AIR FR LF extra flexible (Class 5 conductor) cable is insulated with a PVC compound having anti-rodent and anti-termite formulation along with excellent flame-retardant properties that can withstand temperatures up to 70°C. The cables have high dielectric strength making them good insulators. The flexibility of the cable makes it easy for installation and any application with a low bending radius.

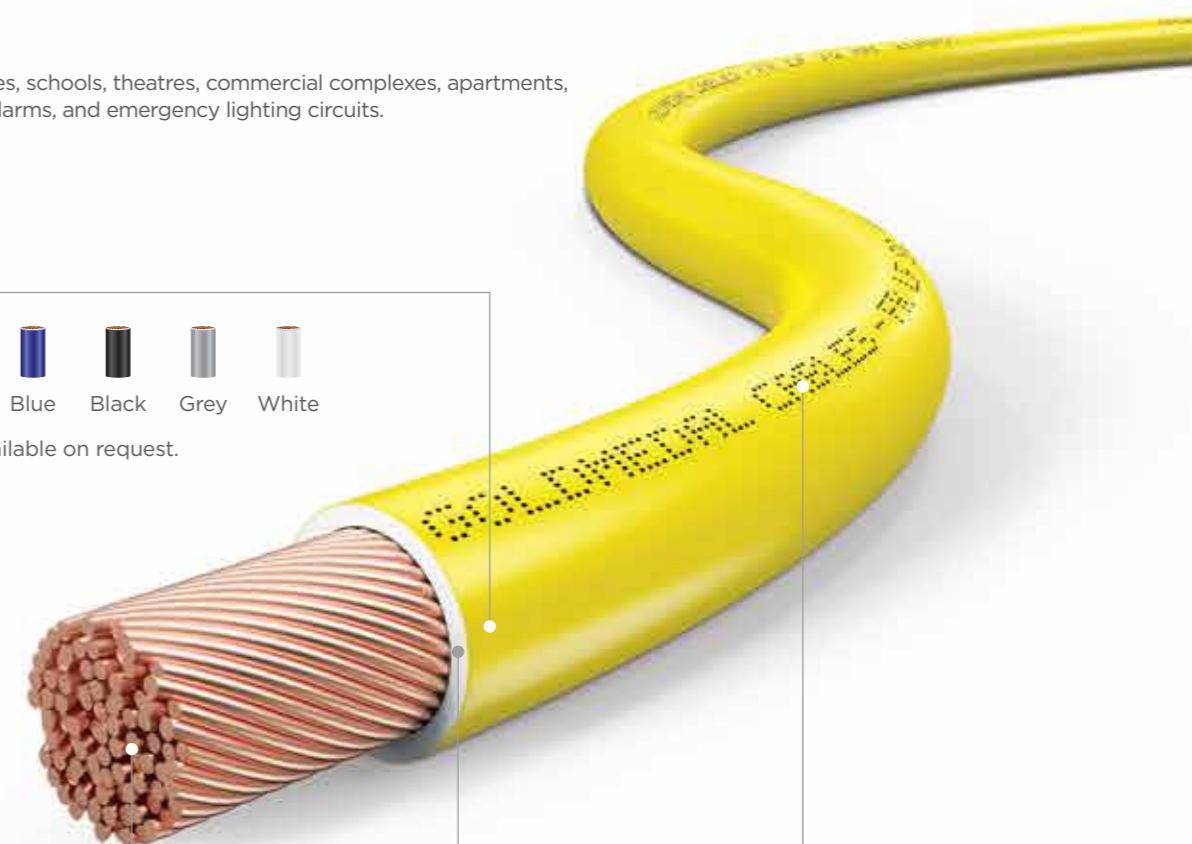
#### APPLICATIONS :

Can be used in residences, schools, theatres, commercial complexes, apartments, high rise buildings, fire alarms, and emergency lighting circuits.

#### SKIN COLOUR



Customised colours available on request.



#### MULTI STRANDED FLEXIBLE COPPER CONDUCTOR

Thin strands of electrolytic copper are multi-drawn simultaneously for uniformity of resistance, dimension, and flexibility. Flame retardant cables are made of electrolytic grade, bright annealed bare copper with more than 100% conductivity conforming to IS 8130:2013.

#### INSULATION

The conductor is insulated with anti-rodent, anti-termite FR grade ROHS complaint PVC compound having high insulation resistance, oxygen index, temperature index, and dielectric strength. It prevents leakage of electric current while its flame-retardant properties minimize the spread of fire to ensure complete safety during overload & short circuits.

#### MARKING

GOLDMEDAL AIR CABLES (Size)  
Y (FR) 1100 V IS 694  
CM/L - No. 0003067047 CE



0.5 sq.mm  
- 25 sq.mm



Voltage up to &  
including 1100 V



Extra  
flexibility



IS 694: 2010,  
IS 8130:2013,  
IS 5831:1984



Supplied in  
packed coils.

# AIR FR LF CABLE FEATURES



High flame retardancy



Flexible for easy wiring



Bunch conductor



Saves energy



High thermal stability



Pure copper more than 99.9 %



Anti rodent & anti termite



Good visibility during fire hazards making it easy to escape



High dielectric strength to prevent electrical break down easily

Flame Retardant Lead Free (FR LF) anti-rodent and anti-termite PVC insulated (unsheathed) single core multi strand cable with electrolytic grade annealed copper conductor suitable for up to and including 1100 Volts conforming to IS 694:2010.

Technical Specifications For Single Core, PVC Insulated Unsheathed Cables						
Conductor nominal area in Sq.mm	Number & nominal diameter of wire in No./mm	Resistance (Maximum) per km. @ 20°C in Ohm	Approximate overall diameter in mm	Nominal thickness of insulation in mm	Current carrying capacity Two cables, single phase	
					In conduit / trunking in Ampere	Unenclosed-clipped directly to a surface or on cable tray in Ampere
0.5	16/0.2	39.0	2.2	0.6	3	4
0.75	24/0.2	26.0	2.3	0.6	6	7
1.0	32/0.2	19.5	2.4	0.6	11	12
1.5	30/0.25	13.3	2.7	0.6	13	16
2.5	50/0.25	7.98	3.4	0.7	18	22
4.0	56/0.3	4.95	4.0	0.8	24	29
6.0	84/0.3	3.3	4.6	0.8	31	37
10.0	140/0.3	1.91	6.1	1.0	42	51
16.0	126/0.4	1.21	7.2	1.0	57	68
25.0	196/0.4	0.78	9.1	1.2	71	86

Conductor as per class 5 of IS 8130 of BIS specification.



# HALOGEN FREE FLAME RETARDANT CABLES



## HFFR

### HALOGEN FREE FLAME RETARDANT

Goldmedal HFFR cables, also known as Halogen Free Flame Retardant Cables, do not spread fire or emit toxic or corrosive gasses and have low smoke emission with better visibility which facilitates faster evacuation during a fire incident.

#### APPLICATIONS :

HFFR cables are highly recommended for installation at hospitals, airports, tunnels, subways, museums, etc. These cables offer maximum protection to people in the event of fire.



#### MARKING

GOLDMEDAL CABLES (Size)  
Y (HFFR) 1100 V IS 17048  
CM/L - No. CE

#### INSULATION

The conductor is insulated with HFFR grade ROHS complaint material having high insulation resistance, oxygen index, temperature index and dielectric strength.

#### MULTI STRANDED FLEXIBLE COPPER CONDUCTOR

Thin strands of electrolytic copper are multi-drawn simultaneously for uniformity of resistance, dimension, and flexibility. Flame retardant cables are made of electrolytic grade, bright annealed bare copper with more than 100% conductivity conforming to IS 8130:2013.



0.5 sq.mm  
- 25 sq.mm



Voltage up to &  
including 1100 V



Extra  
flexibility



IS 17048,  
IS 8130:2013



Supplied in  
packed coils.

# HF FR CABLE FEATURES



High flame retardancy



Flexible for easy wiring



Bunch conductor



Saves energy



High thermal stability



Pure copper more than 99.9 %



Good visibility during fire hazards making it easy to escape



High dielectric strength to prevent electrical break down easily

Halogen Free Flame Retardant (HFFR) insulated (unsheathed) single core multi strand cable with electrolytic grade annealed bare copper conductor suitable for up to and including 1100 volts grade conforming to IS17048.

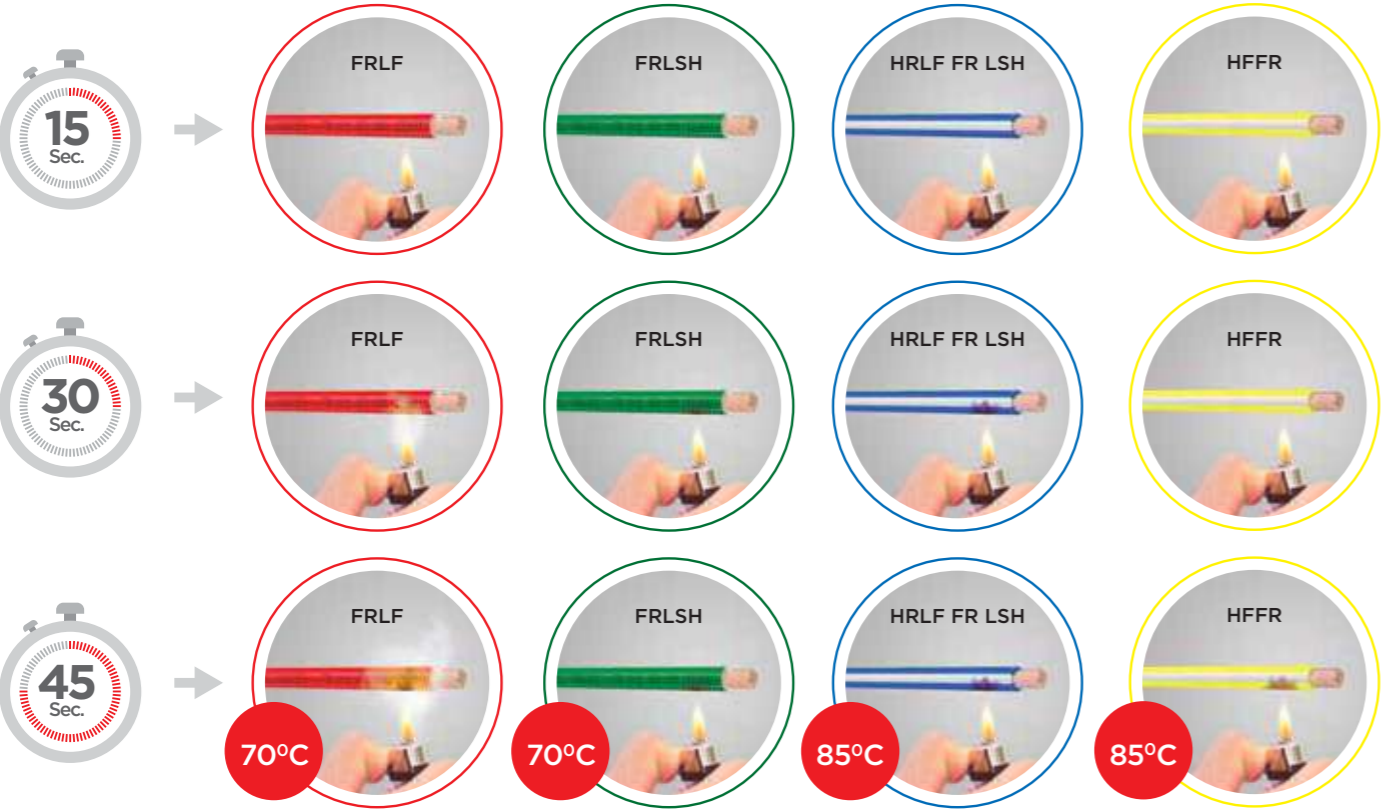
Technical Specifications For Single Core, HFFR Insulated Unsheathed Cables						
Conductor nominal area in Sq.mm	Number & nominal diameter of wire in No./mm	Resistance (Maximum) per km. @ 20°C in Ohm	Approximate overall diameter in mm	Nominal thickness of insulation in mm	Current carrying capacity Two cables, single phase	
					In conduit / trunking in Ampere	Unenclosed-clipped directly to a surface or on cable tray in Ampere
0.5	16/0.2	39.0	2.2	0.6	3	4
0.75	24/0.2	26.0	2.3	0.6	6	7
1.0	32/0.2	19.5	2.4	0.6	11	12
1.5	30/0.25	13.3	2.7	0.6	13	16
2.5	50/0.25	7.98	3.4	0.7	18	22
4.0	56/0.3	4.95	4.0	0.8	24	29
6.0	84/0.3	3.3	4.6	0.8	31	37
10.0	140/0.3	1.91	6.1	1.0	42	51
16.0	126/0.4	1.21	7.2	1.0	57	68
25.0	196/0.4	0.78	9.1	1.2	71	86

Conductor as per class 5 of IS 8130 of BIS specification.





## COMPARISON OF ALL PVC INSULATED WIRES



FEATURES	FRLF	FR-LSH	HRLF FR-LSH	HFFR
Insulation material	FR PVC	FR-LSH PVC	HR FR-LSH PVC	HFFR
Insulating property	Good	Very Good	Very Good	Excellent
Flame retardancy	Very Good	Very Good	Excellent	Excellent
Safety during burning	Good	Good	Excellent	Excellent
Thermal stability	80 (min.)	80 (min.)	100 (min.)	-
Temperature index	250 °C (min.)	250 °C (min.)	250 °C (min.)	250 °C (min.)
Oxygen index %	29% (min.)	29% (min.)	29% (min.)	31% (min.)
Visibility	NA	40% (min.)	40% (min.)	70% (min.)
Release of gas	NA	20% By Weight (max.)	20% By Weight (max.)	<0.5 % By Weight (max.)
Abrasion resistance during installation	Good	Very Good	Very Good	Excellent

# SUBMERSIBLE

## FLAT CABLES

Submersible cables are typically installed in challenging and harsh environments. These cables are often exposed to continuous underground water, rainwater, oil, grease, and other foreign substances. To ensure reliability and safety even in such demanding conditions, the cables are manufactured with the highest precision and care.

### APPLICATIONS :

Flat submersible cables are a specialized product that are used to connect underwater submersible pump sets with supply lines for applications in agriculture, irrigation, domestic installations, deep-well pumping, etc. Goldmedal submersible cables are engineered with these demanding conditions in mind, ensuring maximum reliability and long-term performance.

# SUBMERSIBLE FLAT CABLES



0.5 sq.mm  
- 16 sq.mm



Voltage up to &  
including 1100 V



Extra  
flexibility



IS 694: 2010,  
IS 8130:2013,  
IS 5831:1984.



Supplied in  
packed coils &  
drums

SUBMERSIBLE FLAT CABLE FEATURES



High conductivity



High flexibility due to sheathed PVC



Resistant to oil, grease, moisture

These are 3 core cables made with electrolytic grade annealed copper conductors insulated and sheathed with PVC. They are suitable for operating voltages up to and including 1100 volts and are generally manufactured in accordance to IS 694:2010 standards.

Conductor		Insulation	Sheath		Conductor Resistance @ 20°C (Max) Ohms/km	Current Carrying Capacity @ 40°C Amps.
Area (Nom.) Sq.mm	No/dia. of strands mm	Thickness (Nom.) mm	Overall Dimensions			
			Thickness (Nom.) mm	Size (Approx.) (WxT) mm		
1.5	30/0.25	0.6	0.9	11.0 x 5.0	13.3	16
2.5	50/0.25	0.7	1.0	13.0 x 6.0	7.98	122
4.0	56/0.3	0.8	1.0	15.3 x 6.7	4.95	29

Conductor		Insulation	Sheath		Conductor Resistance @ 20°C (Max) Ohms/km	Current Carrying Capacity @ 40°C Amps.
Area (Nom.) Sq.mm	No/dia. of strands mm	Thickness (Nom.) mm	Overall Dimensions			
			Thickness (Nom.) mm	Size (Approx.) (WxT) mm		
6.0	84/0.3	0.8	1.1	18.6 x 8.0	3.30	37
10.0	140/0.3	1.0	1.4	21.0 x 9.5	1.91	46
16.0	126/0.4	1.0	1.4	24.5 x 10.7	1.21	62

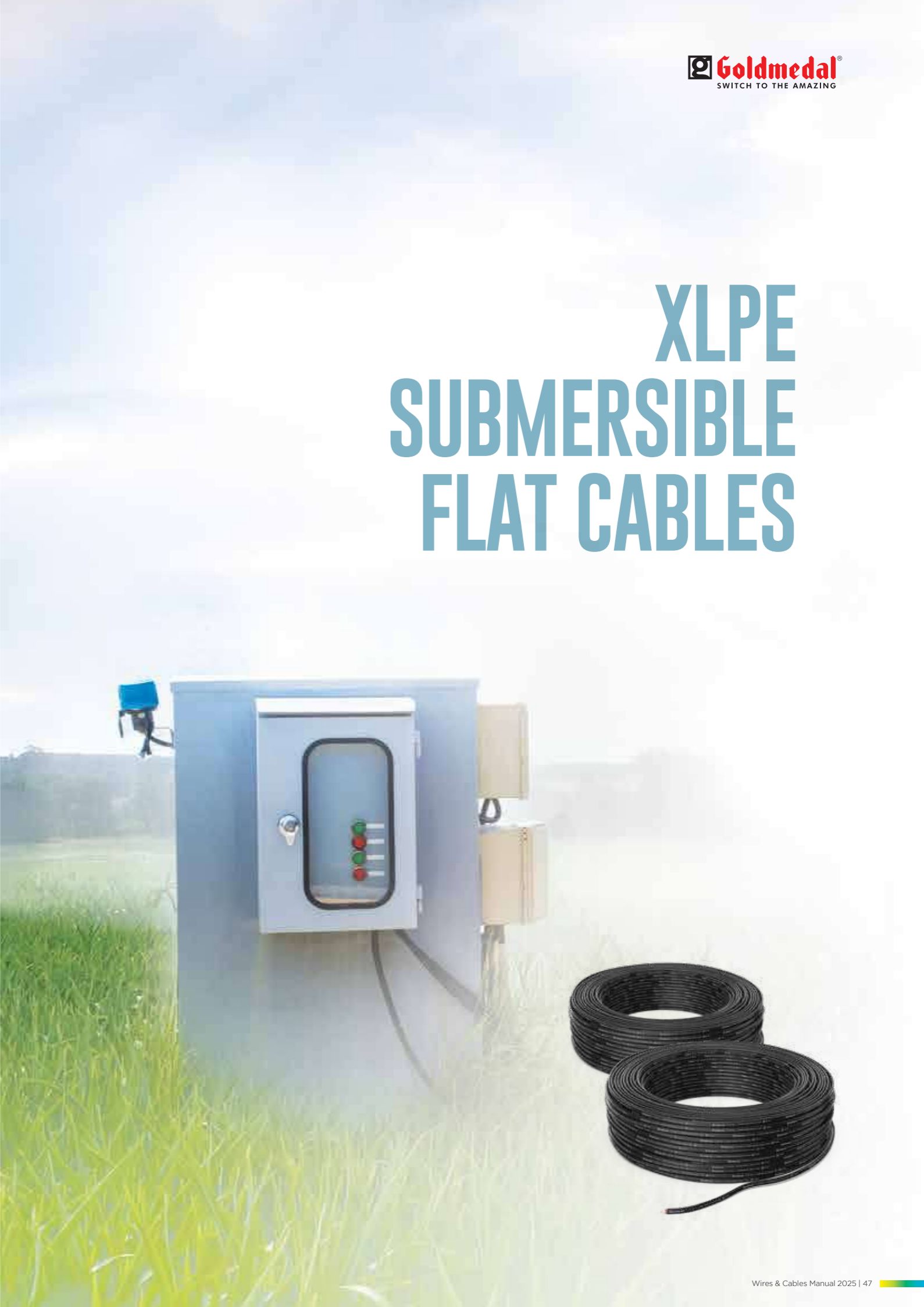
Selection guide for 3 Core Flat Cables

1. HP Vs Current  
The full load current for submersible pump motors, 3 phase, 50 cycles, 415-425 V.

HP	5.0	7.5	10.0	12.5	15.5	17.5	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0
AMP	7.5	11.0	14.9	18.9	22.5	25.2	28.4	35.6	42.3	50.4	58.1	62.1	67.5	73.8	81.0	87.3	93.6	100.8	108.0

Colour of Sheath : Black  
Colour of Cores : Red, Yellow & Blue

XLPE  
SUBMERSIBLE  
FLAT CABLES



# XLPE SUBMERSIBLE

## FLAT CABLES

Submersible cables are typically installed in challenging and harsh environments. These cables are often exposed to continuous underground water, rainwater, oil, grease, and other foreign substances. To ensure reliability and safety even in such demanding conditions, the cables are manufactured with the highest precision and care.

**APPLICATIONS :**

Flat submersible cables are a specialized product that are used to connect underwater submersible pump sets with supply lines for applications in agriculture, irrigation, domestic installations, deep-well pumping, etc. Goldmedal submersible cables are engineered with these demanding conditions in mind, ensuring maximum reliability and long-term performance.



GOLDMEDAL (Size) XLPE FLAT CABLES 1100 V IS 7098 CM/L - No. 0003067047 CE

The conductor is insulated with PVC compound having high insulation resistance and dielectric strength, which prevents leakage of electric current.

Submersible cables are made of electrolytic grade, bright annealed bare copper with more than 100% conductivity conforming to IS 8130:2013

## XLPE 3 CORE SUBMERSIBLE FLAT CABLE FEATURES



High conductivity



High flexibility due to sheathed PVC



Resistant to oil, grease, moisture

### Technical Data :

Conductor Electrolytic grade annealed plain copper to IS 8130: 2013, uniformly bunched to form a circular shape.

- Core Colours : Red, Yellow, Blue
- Sheath Colour : Black
- Voltage Grade : Up to and including 1100V
- Packing : Standard packing of 100mtr in coils. Longer length available on request.

### Cable Design Parameters

Conductor Construction		Max. Conductor Resistance @ 20 °C Ohms/km	Nominal Insulation Thickness (mm)	Nominal Sheath Thickness (mm)	Approx. Overall Dimensions (W x H) (mm)	Current Carrying Capacity (Ampere)
Nominal Cross Section Area (Sq. mm)	No. of Strands/ Max. Strands Dia (mm)					
1.5	30/0.25	13.3	0.7	1.0	11.6 x 5.5	20
2.5	50/0.25	7.98	0.7	1.1	13.1 x 6.2	30
4.0	56/0.3	4.95	0.8	1.1	15.0 x 6.8	37
6.0	84/0.3	3.3	0.8	1.2	17.2 x 7.7	46
10.0	140/0.3	1.91	0.8	1.3	20.2 x 8.8	66
16.0	126/0.4	1.21	0.8	1.4	23.6 x 10.0	85



0.5 sq.mm - 16 sq.mm



Voltage up to & including 1100 V



Extra flexibility



IS 694: 2010, IS 8130:2013, IS 5831:1984.



Supplied in packed coils & drums

# MULTI-CORE

## ROUND CABLES

### MULTI-CORE CABLE FEATURES

Goldmedal is one of the leading wire manufacturers, offering a wide range of high-quality multicore cables. These cables come with certain key features such as appropriate core sizes, high-grade insulation materials, and voltage ratings to ensure reliable and safe performance. Designed to meet the specific requirements of different applications and industries, Goldmedal's multicore cables are backed by a strong reputation of quality and innovation.

### CONSTRUCTION

Goldmedal multicore cables are made up of multiple insulated copper cores. Here, each core consists of bright-annealed 99.97% pure bare copper, which ensures low conductor resistance. The conductor is surrounded by a layer of insulation that prevents electrical current leakages and interference with adjacent cores. The insulated cores are laid up together to form the main cable core which is then covered with an outer sheath. The sheath is made from a specially formulated PVC compound to facilitate easy stripping and withstand various kinds of mechanical abrasion during use.

### APPLICATIONS :

Multi-core cables are an essential component in many industries and household installations. They are used in a variety of electrical applications, such as low voltage signals, electrical motors, electrical appliances, control panels, power transformers, electrical boards, and power distribution systems. They are often preferred over single-core cables as they can transmit multiple signals or power sources simultaneously without the need for multiple single core cables.

### MARKING

GOLDMEDAL ROUND CABLES (Size) YY  
1100 V IS 694 CM/L - No. 0003067047 CE

### INSULATION

The conductor is made of 99.97% pure solid electrolytic grade copper

PVC  
SHEATHING

MULTI STRANDED FLEXIBLE  
COPPER CONDUCTOR

Premium quality grade Polyvinyl Chloride used for insulation.



0.5 sq.mm  
- 16 sq.mm



Voltage up to &  
including 1100 V



Extra  
flexibility



IS 694: 2010,  
IS 8130:2013,  
IS 5831:1984



Supplied in  
packed coils &  
drums

PVC insulated & PVC sheathed multi-core cables with electrolytic grade annealed bare copper conductor suitable for up to and including 1100 Volts conforming to IS 694:2010.

Nominal Area of Conductor Sq.mm	No. of strands/ Nominal Dia no./mm	Nominal Insulation Thickness mm	Core Dia (Approx) mm	Nominal Sheath Thickness in mm			Overall Diameter in mm (Approx)			Current Rating Amp	Max DC Conductor Resistance At 20 °C Ohm/km
				2 Core	3 Core	4 Core	2 Core	3 Core	4 Core		
0.50	16/0.2	0.60	2.20	0.9	0.9	0.9	6.2	6.5	7.0	4	39.00
0.75	24/0.2	0.60	2.45	0.9	0.9	0.9	6.7	7.2	7.8	7	26.00
1.00	32/0.2	0.60	2.45	0.9	0.9	0.9	7.0	7.4	8.1	12	19.5
1.50	30/0.25	0.60	2.75	0.9	0.9	1.0	7.6	8.0	9.2	15	13.3
2.50	50/0.25	0.70	3.50	1.0	1.0	1.0	9.1	9.6	10.7	20	7.98
4.00	56/0.3	0.80	4.10	1.0	1.0	1.0	10.5	11.4	12.4	27	4.95
6.00	84/0.3	0.80	4.80	1.1	1.2	1.2	12.3	13.3	14.7	35	3.30
10.00	140/0.3	1.00	6.30	1.3	1.4	1.4	15.7	16.9	18.6	40	1.91
16.00	126/0.4	1.00	7.30	1.4	1.4	1.4	18.0	19.10	21.2	62	1.21

Colours of Core & Sheath		
Type	Colours of Core	Colours of Sheath
2 Core	Sheathed Red & Black	Black, White & Grey
3 Core	Sheathed Red, Black & Green for earth	Black, White & Grey
4 Core	Sheathed Red, Yellow, Blue & Green for earth	Black, White & Grey

\* FR/FR-LSH multi-core cables can be supplied on request at extra cost.  
\* Each core of the wire is in different colour for identification.



# COMPUTER & LAN NETWORKING CABLES



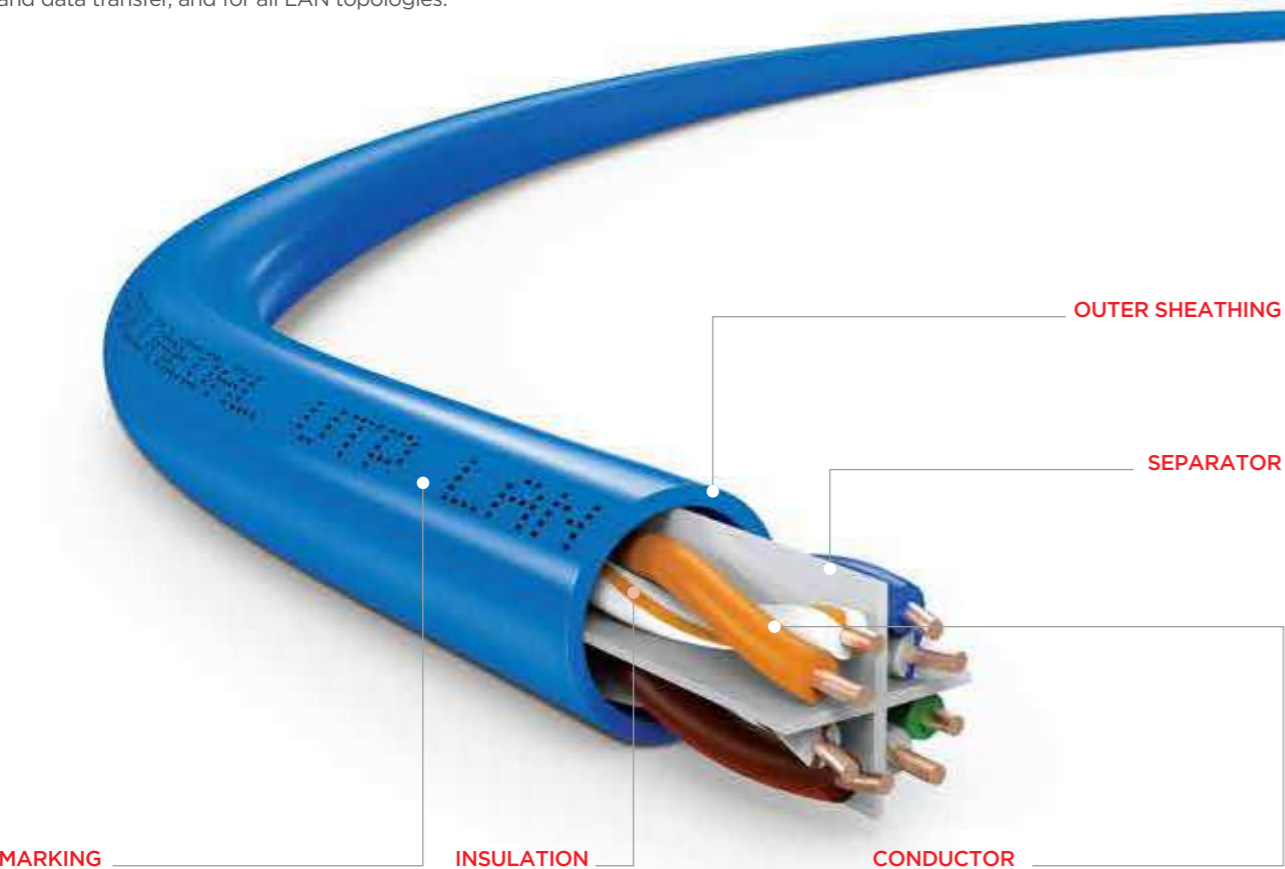
# COMPUTER & LAN

## NETWORKING CABLES

Goldmedal LAN Cables are high performance cables best suited for specific networking applications. Their transmission performance meets the Category 6 requirements as specified in TIA/EIA 568 — B-2.1.

### APPLICATIONS :

Goldmedal LAN cables are suitable for use in modern computer network systems, voice, video and data transfer, and for all LAN topologies.



GOLDMEDAL COMMUNICATION CABLE CM 75 OHMS 4 X 25AWG CAT 5-E UTP CERTIFIED TO TIA/EIA 5688.2 & ISO/IES.

High speed high density polyethylene (HDPE)

Annealed bare electrolytic grade copper/CCA (copper clad aluminium). Cables made in both solid and stranded conductors. 24 AWG size for CAT-5E and 23 AWG size for CAT-6E is used.



Extra flexibility



IS 8130:2013, IS 5831:1984.



Supplied in packed coils & drums

## COMPUTER & LAN NETWORKING CABLES FEATURES



Minimum radiation & maximum noise immunity



High speed data access



Prevents cross talking



Excellent electromagnetic compatibility

Frequency Mhz	Attenuation db/100 meter (max)	Next worst pair db (min)	Structural return loss db (min)
1.00	2.0	52	23
4.00	4.1	53	23
8.00	5.8	48	23
16.00	8.2	44	23
25.00	10.4	41	22
31.25	11.7	39	21
62.50	17.0	35	18
100.00	22.0	32	16

### Electrical Parameters

DC Resistance at 20°C	92.5 Ohms/Km (Max)
Capacitance Unbalance Pair to Ground (Max)	330pF / 100 meters
Mutual Capacitance (Max)	5.60NF / 100 meters
Characteristic Impedance	100 ± 15 Ohms
Nominal Velocity of Propagation	66%

# JELLY FLOODED CO-AXIAL CABLES

Entertainment rules the world. With the right kind of cables, you'll never have to compromise on the quality of entertainment you experience on your TV network. Crafted with over 99.97 % conductive copper, the jelly flooded co-axial cables delivers crystal-clear signals, minimal electromagnetic interference, and high bandwidths to support hundreds of channels.

## APPLICATIONS :

These cables are used for transmission of video and audio signals and are used in DTH/CATV industry. With the number of CATV channels increasing by the day, these cables are ideal for multi-channel applications.

# JELLY FLOODED CO-AXIAL CABLES

JELLY  
FLOODING

POLY- LAMINATED  
ALUMINIUM  
TAPE

COPPER  
CONDUCTOR

GAS INJECTED  
PHYSICAL  
FOAM DI-ELECTRIC

ALUMINIUM  
ALLOY BRAIDING  
WITH HIGH  
TENSILE STRENGTH

MARKING  
Goldmedal (R) 75 OHMS BRAIDED  
[TYPE OF CABLE] <CU> Jelly  
Flooded co-axial cables

# JELLY FLOODED CO-AXIAL CABLE FEATURES



Superior  
sound quality



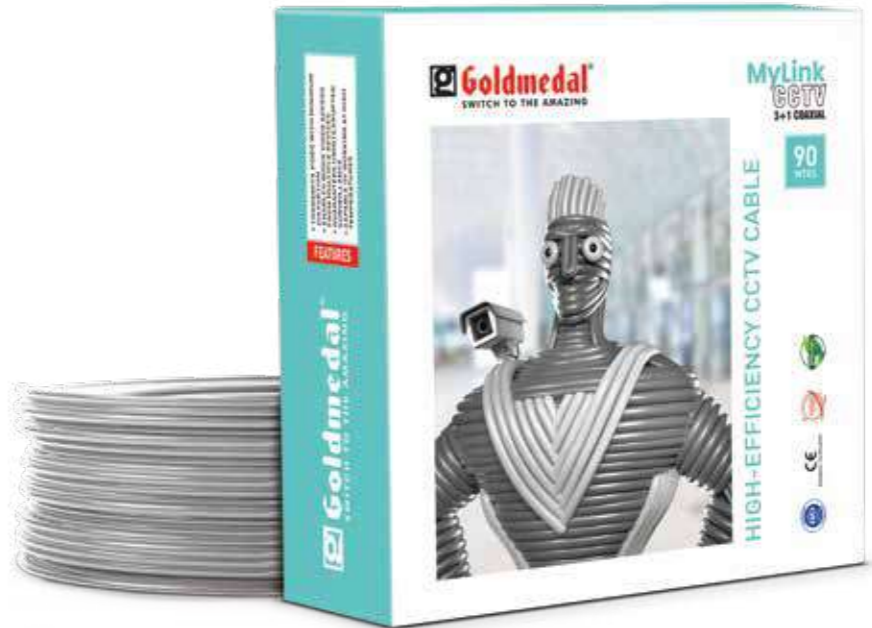
High fidelity  
picture clarity



High band max  
no. of channels

## Construction and electrical parameters

C Parameters	RG11F	RG6F	E Parameters	RG11F	RG6F
Inner Conductor	ABC	ABC	Inner Conductor-	0.80	2.10
Nom. Dia. (mm) of Inner Conductor	1.63	1.02	Nom. Capacitance (pF/mtr.)	53	53
Insulating material	Foam PE	Foam PE	Characteristic Impedance(Ohms)	75	75
Nom. Dia (mm) of Insulation Outer Conductor	7.00	4.50	Velocity of Propagation (%)	85	85
			Minimum Bending Radius (mm)	75	65
			Maximum Attenuation at 20°C (dB/100m)at Mhz	Max.	Max.
First	Bonded AL tape AL tape	Bonded AL tape	5	1.25	1.95
Second	Tinned Cu /Al braid	Tinned Cu /Al braid	50	3.10	5.30
			100	4.20	7.00
Nom. Coverage %	> 60%	> 60%	200	6.00	9.90
Outer Sheath	PVC	PVC	300	7.38	11.50
			400	8.53	13.30
Nom. Dia (mm) Outer Sheath Outer Conductor	10.00	7.00	500	9.51	14.95



# CCTV

## CLOSED CIRCUIT TELEVISION CABLES

Embrace the future of surveillance with reliable, high-quality CCTV cables. Designed for the modern security landscape, these cables facilitate easy remote access from multiple PCs and simplify network storage. Available in 3+1 and 4+1 cores for complete video and audio transmission, they cater to diverse installation requirements. Ideal for various settings, these cables are essential for maintaining robust security in commercial, residential, and public spaces.

### APPLICATIONS :

The Closed-Circuit TV (CCTV) / video surveillance segment is the fastest-growing part of our product portfolio. With the convergence of security technologies, IP camera systems and card access are now increasingly managed by corporate IT departments.

### MARKING

### CABLE SHEATH

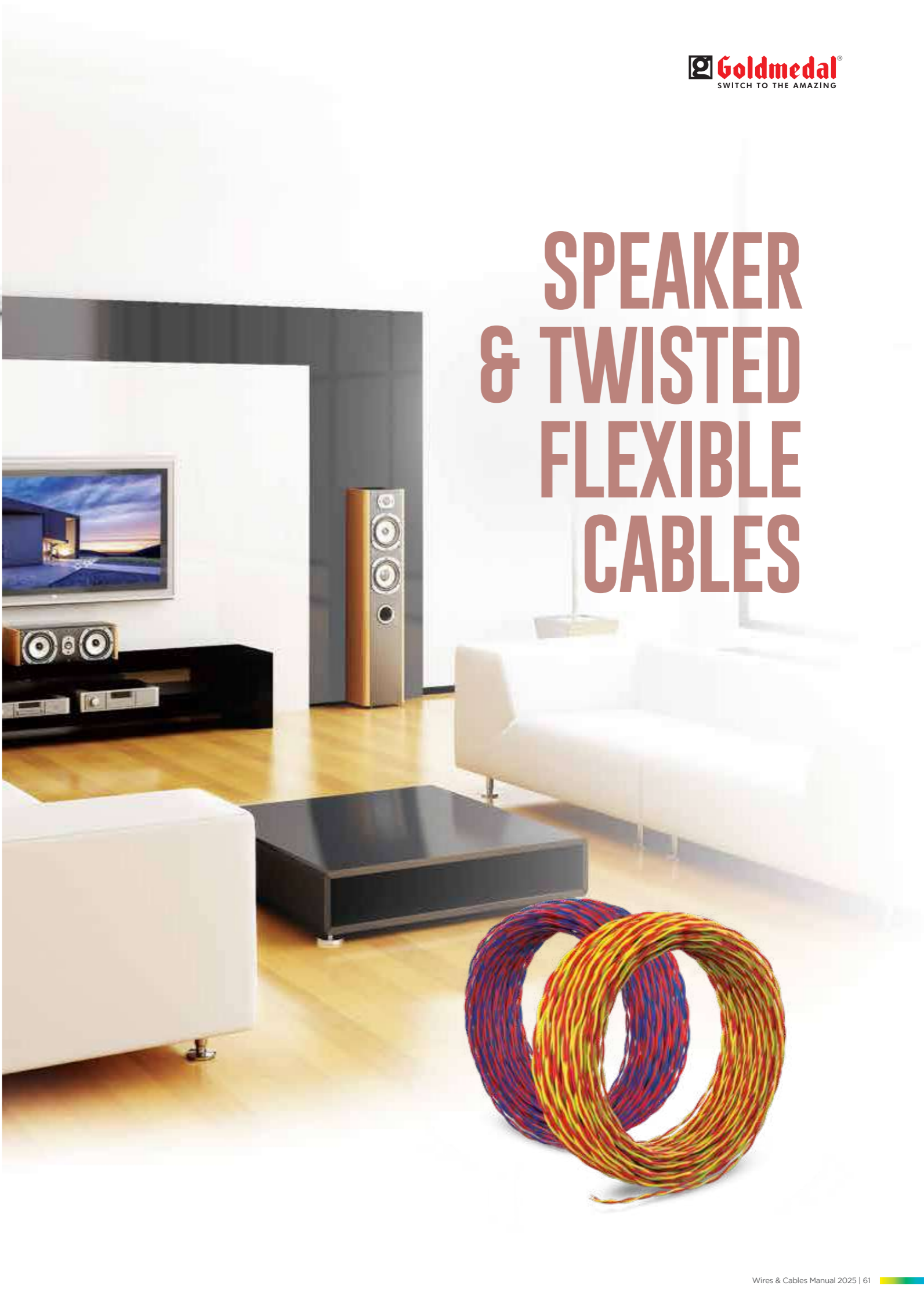
### HDPE INSULATION

### BRAIDING

### COPPER CONDUCTOR

Sr. No.	Item Name	Overall dia. In mm	A. T. C. Cond. Size in mm	Cross sect. area in mm2	Conductor Resistance Ohms/km Max at 20° C
1	14/40(3+1)	5.7	0.122	0.1636	105.40
2	14/40(4+1)	5.9	0.122	0.1636	105.40

# SPEAKER & TWISTED FLEXIBLE CABLES



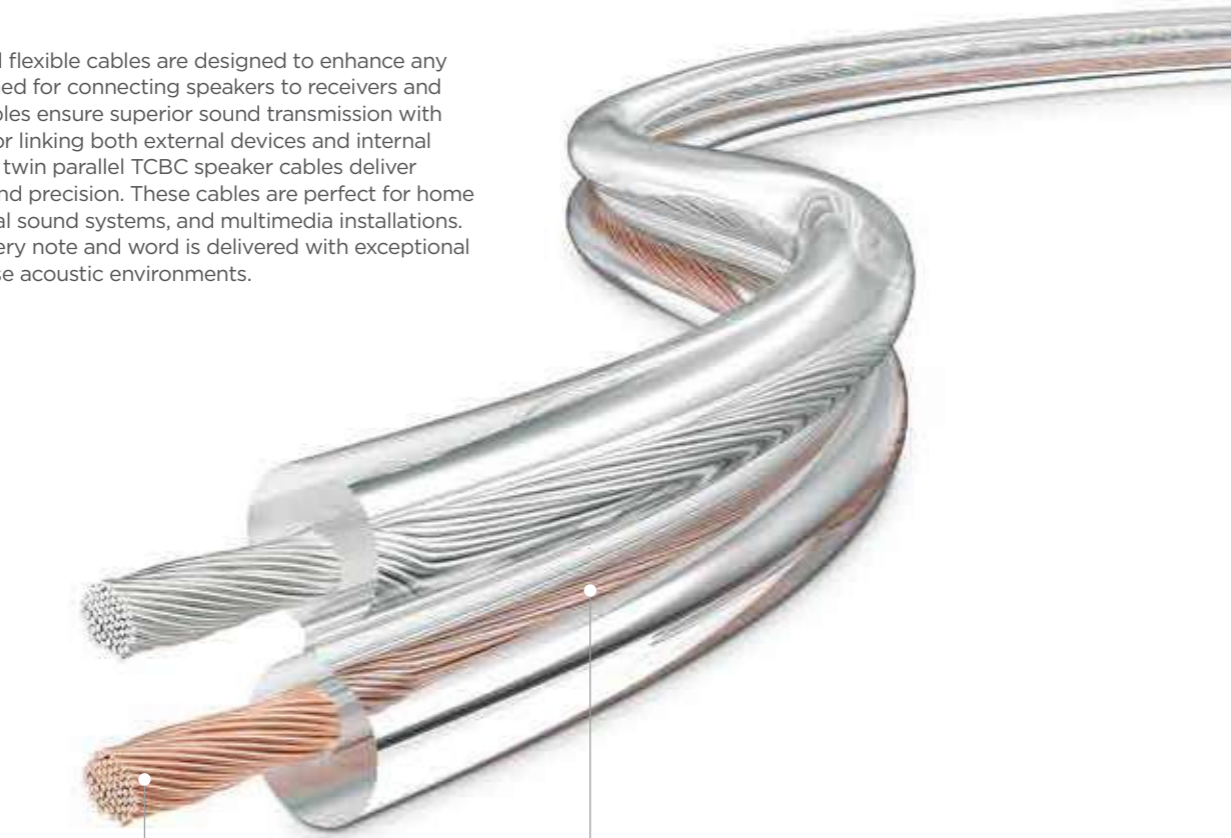
# SPEAKER & TWISTED

## FLEXIBLE CABLES

Speaker wires connect loudspeakers to audio amplifiers, enabling the transmission of electrical signals. Although both wires are electrically identical, they are marked to ensure correct audio signal polarity.

### APPLICATIONS :

Speaker and twisted flexible cables are designed to enhance any sound setup. Designed for connecting speakers to receivers and amplifiers, these cables ensure superior sound transmission with minimal loss. Ideal for linking both external devices and internal speaker wirings, the twin parallel TCBC speaker cables deliver unmatched clarity and precision. These cables are perfect for home theatres, professional sound systems, and multimedia installations. They ensure that every note and word is delivered with exceptional fidelity across diverse acoustic environments.



COPPER  
CONDUCTOR

PVC  
INSULATED



Extra  
flexibility



Supplied in packed  
coils & drums



## SPEAKER & TWISTED FLEXIBLE CABLE FEATURES

### Cable selection guide

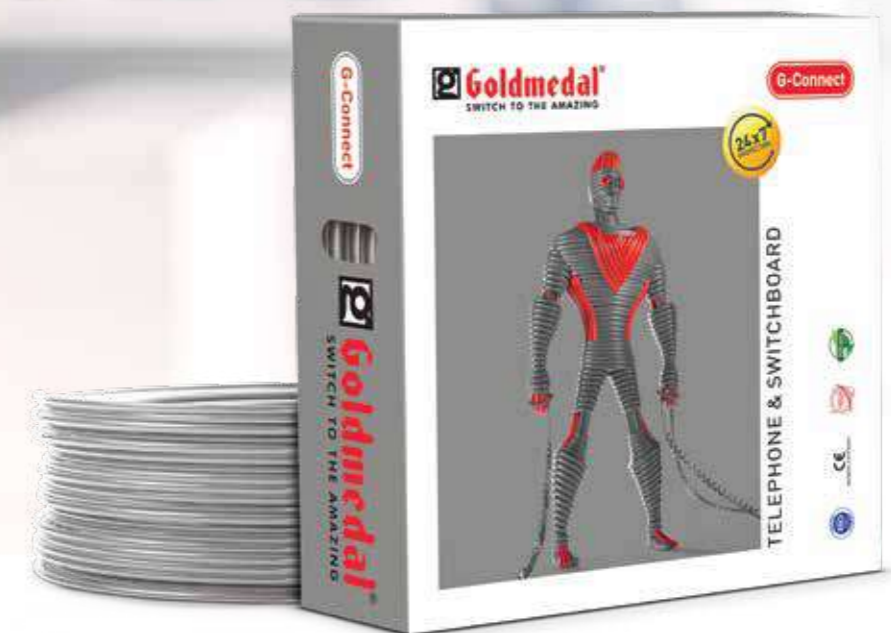
S. W. G.	Cross section mm <sup>2</sup>	4 ohm speaker			8 ohm speaker			7 V speaker		
		Power (%) loss (db/ft.)			Power (%) loss (db/ft.)			Power (%) loss (db/ft.)		
		11%(0.5)	21%(1)	50%(3)	11%(0.5)	21%(1)	50%(3)	11%(0.5)	21%(1)	50%(3)
12	3.30	140	305	1150	285	610	2285	6920	14890	56000
14	2.09	90	195	740	185	395	1480	4490	9650	36300
16	1.33	60	125	470	115	250	935	2840	6100	222950
18	0.82	40	90	340	85	190	685	2070	4450	16720
20	0.51	25	50	195	50	105	390	1170	2520	9500

### Double Flexible Wires

Sr. No.	No. of Strands/ S. W. G.	A.T. C. Cond Size in mm	Cros sect. Area in mm2	Overall dia. in mm	Conductor Resistance Ohms/km Max at 20° C
1	23/36	0.193	0.6725	2.50	25.64
2	40/40	0.122	0.4673	3.50	36.89
3	40/38	0.152	0.7255	3.00	23.76



# TELEPHONE & SWITCHBOARD CABLES



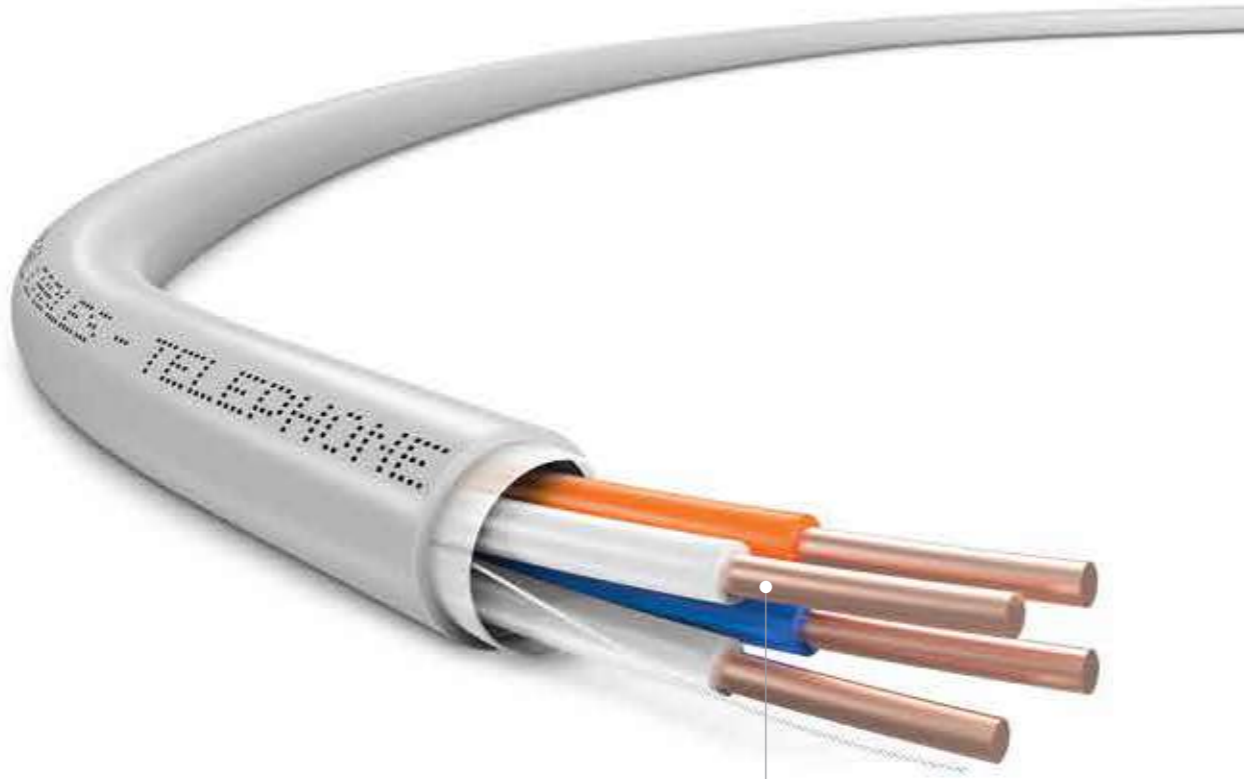
# TELEPHONE

## AND SWITCHBOARD CABLES

Engineered for crystal-clear communication, these telephone and switchboard cables excel in transmitting both analog as well as digital signals. These cables are equipped with a synthetic nylon rip cord for safe and easy jacket removal, a Flame Retardant (FR) coating for enhanced fire resistance, and solid copper conductors to ensure clear audio transmissions while reducing cross-talk. These cables provide reliable performance in a range of settings, including high-rise buildings, offices, residential complexes, and various communication devices. They are also well-suited for alarm systems and data acquisition setups.

### APPLICATIONS :

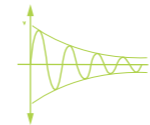
Recommended for switchboard and internal telephone wirings in high-rise buildings, offices, factories, hotels, residential complexes. They are ideal for the transmission of analog and digital signals, internal wiring in faxes, modems, computers, alarm enunciators, data recording/acquisition systems and a variety of communication devices.



### COPPER CONDUCTOR

The conductor is made of 99.97% pure solid electrolytic grade copper

## Telephone & switchboard cable features



Low attenuation



No cross talk



Flame retardant jacket



True sound

### ELECTRICAL PARAMETERS

Conductor Resistance	: 92.20 ohm/km max at 200° C
Mutual Capacitance	: 50 nF/km max.
Insulation Resistance in Air	: 10000 M-ohm/km min.
Capacitance Unbalance – pair to pair	: 230 pF/100m max.
Capacitance Unbalance – pair to ground	: 330 pF/100m max.
Resistance Unbalance	: 2.5% max.

Conductor Parameters	1 Pairs	2 Pairs	3 Pairs	4 Pairs	5 Pairs	10 Pairs
Conductor (solid annealed bare copper)	0.4mm diameter (nom.) & 0.5mm diameter (nom)					
Insulation Material (0.4 & 0.5 mm dia)	High density polyethylene(HDPE)					
Insulation Thickness (Average) 0.4 mm dia, 0.5mm dia	0.17 mm, 0.20 mm					
Diameter of insulated Conductor 0.4mm dia, 0.5mm dia	0.74 mm, 0.92 mm					
Rip cord	Nylon					

# CTS & VIR

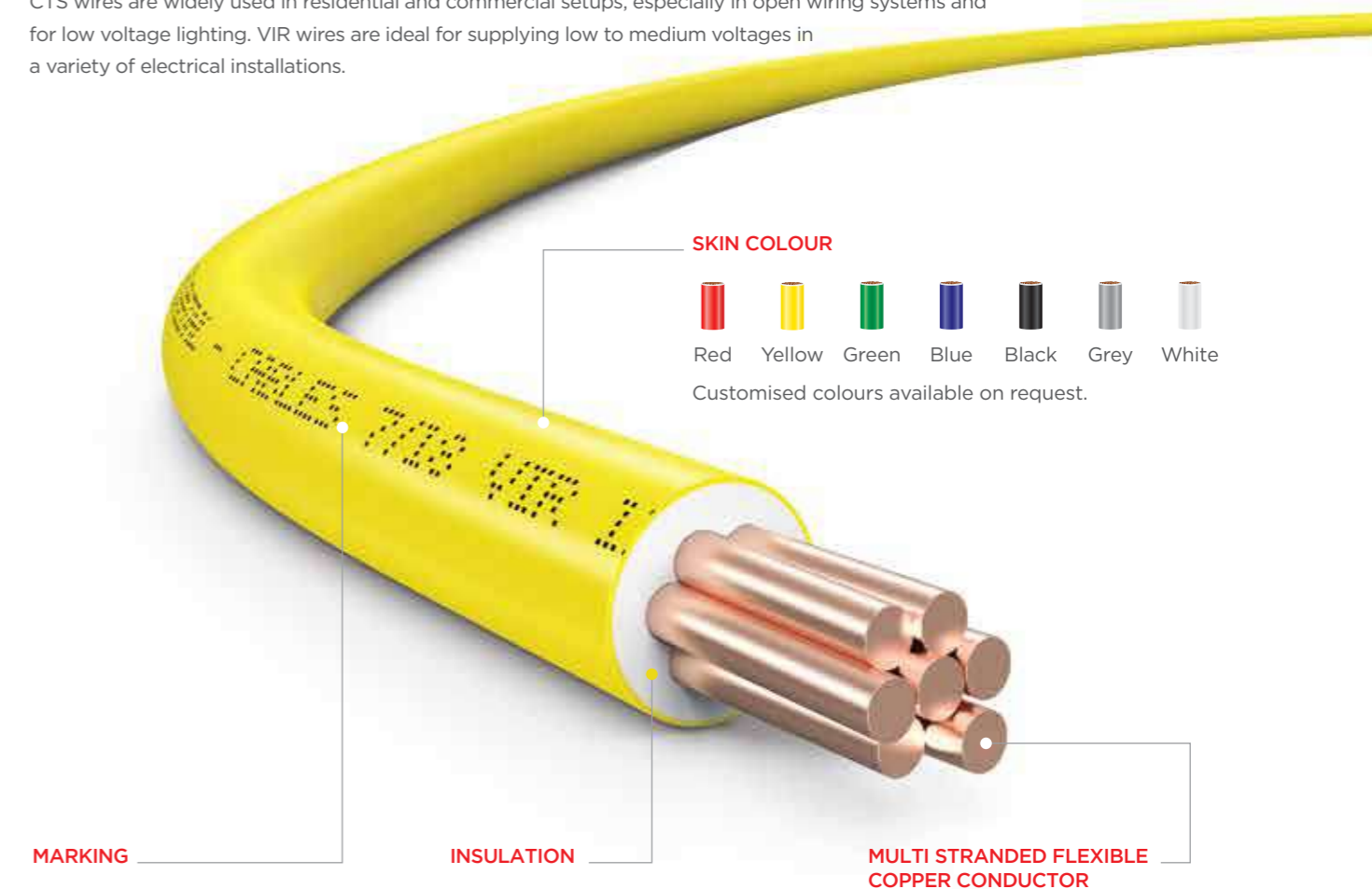
## COPPER CABLES

CTS (Cable Tyre Sheathed) wiring features a hard rubber sheath that offers excellent protection against external damage. The conductor is insulated with vulcanized rubber. CTS wiring is commonly used in residential and commercial settings, particularly for open wiring systems and low voltage lighting installations.

VIR (Vulcanized Indian Rubber) wire consists of a copper conductor insulated with a layer of vulcanized rubber. These wires are designed for the transmission of low to medium voltages.

### APPLICATIONS :

CTS wires are widely used in residential and commercial setups, especially in open wiring systems and for low voltage lighting. VIR wires are ideal for supplying low to medium voltages in a variety of electrical installations.



### MARKING

GOLDMEDAL CABLES (Size) Y  
(HFFR) 1100 V IS 17048 CM/L - No. CE

### INSULATION

The conductor is insulated with HFFR Grade ROHS complaint material having high insulation resistance, oxygen index, temperature index, and dielectric strength.

### MULTI STRANDED FLEXIBLE COPPER CONDUCTOR

Thin strands of electrolytic copper are multi-drawn simultaneously for uniformity of resistance, dimension, and flexibility. Flame retardant cables are made of electrolytic grade, bright annealed bare copper with more than 100% conductivity conforming to IS 8130:2013.



0.5 sq.mm  
- 25 sq.mm



Voltage up to &  
including 1100 V



Extra  
flexibility



IS 17048,  
IS 8130:2013



Supplied in  
packed coils.

# CTS & VIR COPPER CABLES



# SINGLE CORE/TWIN FLAT

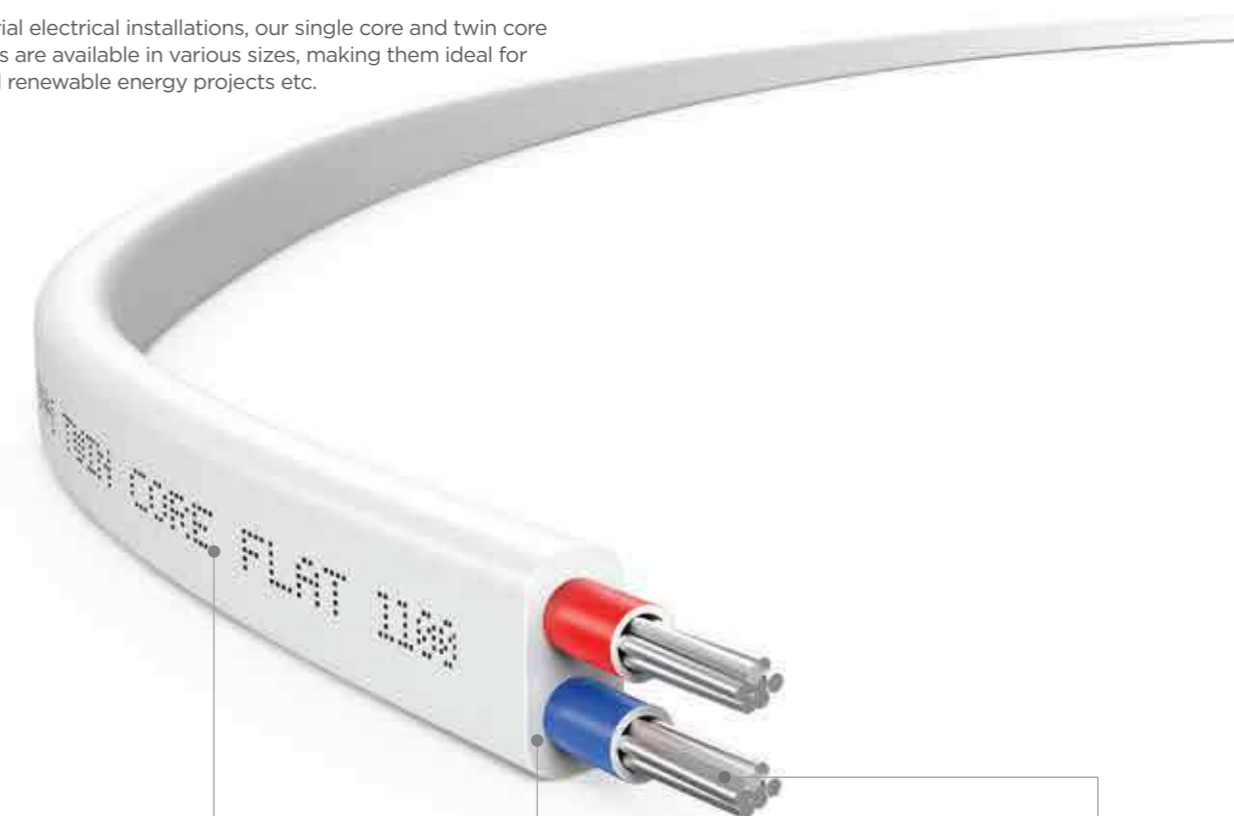
## ALUMINIUM CABLES

Goldmedal offers a premium range of 1.1kV Single Core and Twin Core Flat Aluminium Cables, engineered for efficient power transmission across industrial, commercial, and residential applications. Manufactured with high-quality aluminium conductors and PVC insulation, these cables provide excellent conductivity and durability.

### APPLICATIONS :

Designed for industrial electrical installations, our single core and twin core flat aluminium cables are available in various sizes, making them ideal for electrical panels and renewable energy projects etc.

# SINGLE CORE/ TWIN FLAT



### MARKING

GOLDMEDAL CABLES (Size) Single Core Flat 1100 V IS 694 CM/L - No. CE  
GOLDMEDAL CABLES (Size) Twin Core Flat 1100 V IS 694 CM/L - No. CE

### INSULATION

Indigenously developed PVC compound formulated from finest ingredients: Virgin grade natural PVC Type A, C and D as per IS 5831:1984.

### MULTI STRANDED FLEXIBLE ALUMINIUM CONDUCTOR

High-quality aluminium stranded conductor as per IS 8130:2013.

# SINGLE CORE/ TWIN CORE SOLID



## SINGLE CORE/TWIN CORE SOLID

### ALUMINIUM CABLES

Goldmedal offers a premium range of 1.1kV Single Core and Twin Core Solid Aluminium Cables, engineered for efficient power transmission in industrial, commercial, and residential applications. The cables are manufactured using high-quality aluminium conductors with durable PVC insulation ensuring excellent conductivity and durability.

#### APPLICATIONS :

Designed for industrial electrical installations, our single core and twin core solid aluminium cables are available in various sizes, making them ideal for electrical panels and renewable energy projects among others.

#### SHEATHING

#### MULTI STRANDED FLEXIBLE ALUMINIUM CONDUCTOR

High-quality aluminium solid conductor as per IS 8130:2013.

#### INSULATION

Indigenously developed PVC compound formulated from finest ingredients: Virgin grade natural PVC Type A, C and D as per IS 5831:1984.

#### MARKING

GOLDMEDAL CABLES (Size) Single Core Solid 1100 V IS 694 CM/L - No. CE  
GOLDMEDAL CABLES (Size) Twin Core Solid 1100 V IS 694 CM/L - No. CE



# MULTICORE ROUND

## SOLID ALUMINIUM CABLE

Goldmedal Multicore Round Solid Aluminium Cables are engineered with multiple individual solid aluminium conductors encased in a durable, flexible insulation and a tough yet smooth sheath layer. These cables are designed to meet the diverse needs of various industries and applications, offering reliable performance, enhanced safety and the trusted quality that Goldmedal is known for.

### APPLICATIONS :

Multicore Round Solid Aluminium cables are widely used in both industrial as well as household installations.

# MULTICORE ROUND

### MARKING

GOLDMEDAL ROUND CABLES (Size)  
YY 1100 V IS 694 CM/L - NO. CE

### MULTI STRANDED FLEXIBLE ALUMINIUM CONDUCTOR

High-quality aluminium solid conductor as per IS 8130:2013.

### INSULATION

Premium quality grade Polyvinyl Chloride



4.0 sq.mm  
- 16 sq.mm



Voltage up to &  
including 1100 V



Extra  
flexibility



IS 694:2010,  
IS 8130:2013,  
IS 5831:1984.



Supplied in  
packed coils.



# Our Branches

**JODHPUR**  
Plot no. E-99A, M. I. A.  
Basni 2nd Phase, Jodhpur,  
Rajasthan - 342005.  
Tel: +91-9772210543  
Email: rajasthan@goldmedalindia.com

**LUCKNOW**  
C1-5, Phase 2, Transport  
Nagar, Lucknow - 226012, U.P.  
Tel: +91-0522-3513741 & 8655997461  
Email: goldmedallucknow@goldmedalindia.co.in



**AHMEDABAD**  
Block No. 43, Behind Savex Technologies  
Warehouse, Sanathal Bakrol Ring Road,  
Near Essar (Near Nayana) Petrol Pump,  
Village Badrabad, Ahmedabad,  
Gujarat- 382210. Tel: +91-9372200393  
Email: ahmedabad@goldmedalindia.com

**BHOPAL**  
Way No. 11-12, Multi Industries Warehouse,  
Plot No. 13C, Industrial Area Govindpura,  
Bhopal, Madhya Pradesh - 462023  
Tel: +91-9589080144  
Email: bhopal@goldmedalindia.com

**RAIPUR**  
1st Floor, Plot No.15, Kedia Business Park,  
Tatibandh, Raipur - 492099,  
Chhattisgarh.  
Tel: +91-7714910078  
Email: raipur@goldmedalindia.com



**NOIDA**  
H-204, Sec-63, Noida,  
Uttar Pradesh - 201307  
Tel: +91-120-4135901  
Email: noida@goldmedalindia.com

**MOHALI**  
855/C, Janta Industrial Estate,  
Sector - 82, Mohali-160055, Punjab.  
Tel: +91-9814141991  
Email: mohali@goldmedalindia.com

**MUMBAI**  
119, Maskati Mahal, 3rd Floor, Room  
No.1- B, Loharchawl, Marine Line,  
Mumbai - 400002, Maharashtra.  
Tel: +91-22-39567558/511, 9320687515  
Email: marinelines@goldmedalindia.com

**BHIWANDI**  
Shakti Complex Building A, Unit No.  
1/2/3/4/5, Survey No.20, Hissa No.167,  
Vadunavghar Reti Bundar, Kaman Bhiwandi  
Road, Bhiwandi, 421302, Maharashtra.  
Tel: +91- 9152013168  
Email: maharashtra@goldmedalindia.com

**PUNE**  
CTS No 206-207, Ground Floor, Shop  
No.1, Shree Yash CHSL, Next to Yash  
Medical, Rasta Peth, Pune - 411011.  
Tel: +91-9822098620  
Email: pune@goldmedalindia.com

**KOLKATA**  
KB 22, Bhakta Tower, 8th Floor,  
Salt Lake, Sector 3, Kolkata - 700098.  
Tel: +91-8336907040  
Email: kolkata@goldmedalindia.com

**PATNA**  
Khata No.144 To 149, Thana No. 20,  
Khesara No.30 To 31, Mahadev Asthan,  
Tent City, Near Bypass Police Thana,  
Agamkuan, Patna-800009, Bihar.  
Tel: +91-9798606400  
Email: patna@goldmedalindia.com

**CUTTACK**  
Plot No.1047 & 1048, Opp. Axis Bank,  
Jagatpur, Cuttack- 754021, Odisha  
(Orissa). Tel: +91- 9437452303  
Email: cuttack@goldmedalindia.com



**CALICUT**  
554-F & 554-G,  
Empire building, Thenhippalam,  
Malappuram - 673636,  
Kerala. Tel: +91- 9497733334  
Email: calicut@goldmedalindia.com

**HYDERABAD**  
4-1-690, Kothari Landmark, Old Vikranti  
Theatre, Mozamjahi Market,  
Hyderabad-500095, Telangana.  
Tel: +91-040-26706099  
Email: hyderabad@goldmedalindia.com



**RANCHI**  
R S Plot No.2072, Near Dalaldali Chowk,  
Simaliya, P. S, Ratu, Ranchi - 834005,  
Jharkhand. Tel.: +91- 9431170402  
Email: ranchi@goldmedalindia.com

**GUWAHATI**  
Ist Floor Patwari Enclave, Kachari Basti,  
Near Dispur Collage, Ganeshguri,  
Guwahati - 781005.  
Tel: +91- 9718077070.  
Email: guwahati@goldmedalindia.com

**CHENNAI**  
92/6, Nattu Pillaiar Koil Street  
Sowcarpet, Chennai - 600001,  
Tamil Nadu. Tel: +91-44-49521008  
Email: chennai@goldmedalindia.com

**BENGALURU**  
No. 6/2 & 6/3, Mysore Road, Near  
Satellite Bus Station, Bengaluru,  
Karnataka -560026.  
Tel: +91-80-41687799/41759977  
Email: bangalore@goldmedalindia.com

**VIJAYAWADA**  
20-127/2, By Pass Road, Gollapudi,  
Krishna District, Vijayawada - 521225,  
Andhra Pradesh  
Tel: +91-866-6542333/6542888  
Email: vijayawada@goldmedalindia.com

# Our Showrooms



## west region

### MUMBAI

E-1, Laxmi Industrial Estate,  
New Link Road,  
Andheri West, Mumbai - 400053  
Tel :+91-22-40031075  
Email: info@goldmedalindia.com

### AHMEDABAD

1106, Arista, 1st Floor, Opp Stellar,  
Sindhu Bhavan Road,  
Ahmedabad-380058  
Tel :+91-8104965389  
info@goldmedalindia.com

## east region

### KOLKATA

Merlin Homeland Mall, Shop No.123,  
1st Floor, 18B, Ashutosh Mukherjee  
Road, Bhawanipore, Kolkata -  
700 020. Tel :+91- 8336956017  
showroom.kolkata@goldmedalindia.co.in

### SILIGURI

International Market, 2nd Floor, Shop  
No.3 & 4, Sevoke Road, Near  
Panitanki More, Beside Sky Star  
Building, Siliguri - 734001, WB  
Tel :+91-8336084284  
ritesh.g@goldmedalindia.co.in

### GUWAHATI

1st Floor Patwari Enclave, Kachari  
Basti, Near Dispur Collage,  
Ganeshguri, Guwahati - 781005.  
Tel :+91- 9718077070.  
guwahati@goldmedalindia.com

### RANCHI

B Square, Plot no.189, Beside Girdhar  
Plaza, Harmu Road, Ranchi-834001.  
Tel :+91- 9431170402  
ranchi@goldmedalindia.com

## north region

### NOIDA

H-204, Sec-63  
Noida,  
Uttar Pradesh - 201307  
Tel :+91-120-4135901  
noida@goldmedalindia.com

### JAIPUR

Goldmedal Electricals Private  
Limited, 55, New Aatish Market,  
Mansarovar, Jaipur - Rajasthan.  
Tel :+91-291-3261955  
rajasthan@goldmedalindia.com

### JALORE

Head Post Office Road,  
Jalore - 343001, Rajasthan.  
Tel :+91-2973222568  
rajasthan@goldmedalindia.com

### JODHPUR

Plot No. E-99A, M. I. A.  
Basni 2nd Phase, Jodhpur,  
Rajasthan - 342005.  
Tel :+91-9772210543  
rajasthan@goldmedalindia.com

## south region

### BENGALURU

No 6/2 & 6/3 Mysore Road,  
Near Satellite Bus Station,  
Bengaluru- 560026.  
Tel: +91-80-41687799/41759977  
bangalore@goldmedalindia.com

### HUBBALLI

Umachagi Complex,  
Koppikar Road, Hubballi,  
Karnataka - 580020  
Tel :+91-0836-4258466  
bangalore@goldmedalindia.com

### HYDERABAD

4-1-690, Kothari Landmark, Old  
Vikranti Theatre, Mozamjahi  
Market, Hyderabad-500095,  
Telangana.  
Tel :+91-040-26706099  
hyderabad@goldmedalindia.com

### VIJAYAWADA

2nd Floor, PVP Mall,  
Mahatma Gandhi Rd, Labbipet,  
Vijayawada - 520010, Andhra  
Pradesh. Tel :+91-9885676400  
vijayawada@goldmedalindia.com

### VIJAYAWADA

D. NO. 11-33-15, Tatakulavari  
Street, Vijayawada-520 001,  
Andhra Pradesh. Tel :  
+91-866-6542000/8977574737  
vijayawada@goldmedalindia.com

### KADAPA

21/96, Reddy Complex, Near 7  
Road Circle, Opp. Reddy Express,  
Kadapa - 516001, Andhra Pradesh.  
Tel :+91-9885676400  
vijayawada@goldmedalindia.com

### COIMBATORE

D. No. 897, Avinashi Road,  
Below Flyover,  
Coimbatore-641018  
Tel :+91-9324514945  
chennai@goldmedalindia.com











































































### CALICUT

Shaherzad Shopping Complex, CH  
Flyover Junction, Cherrooty Road,  
Calicut - 673001, Kerala.  
Tel :+91-9048743111  
calicut@goldmedalindia.com

### COCHIN

3rd Floor, G K Arcade, Palarivattom  
Bye Pass Junction,  
Ernakulam - 682028, Kerala.  
Tel :+91-9324936290  
calicut@goldmedalindia.com

# Our Clientele

# Our Clientele





Goldmedal is proud to be an Indian company that manufactures products in India thus contributing to the Prime Minister's initiative to transform the country into a major manufacturing hub. By investing in the latest technology, processes and best practices, Goldmedal aims to manufacture products that are world-class in every way. The company is constantly learning and evolving to ensure that we can be the first choice amongst both national as well as international brands in the Indian market!



Regd. Office :

**GOLDMEDAL ELECTRICALS PVT. LTD.**  
A/303, Kemp Plaza, Off Link Road, Mindspace,  
Chincholi Bunder, Malad (W), Mumbai-400064,  
Maharashtra, India.

Web: [www.goldmedalindia.com](http://www.goldmedalindia.com)  
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