



*Powering Spaces
with Safety*

for safer spaces



Designed for today's modern spaces, our specialized wiring solutions provide safety, durability and precision.

Engineered for reliable conductivity and long-term protection, each product ensures a safer, more efficient wiring experience across any environment.



for uncompromised safety

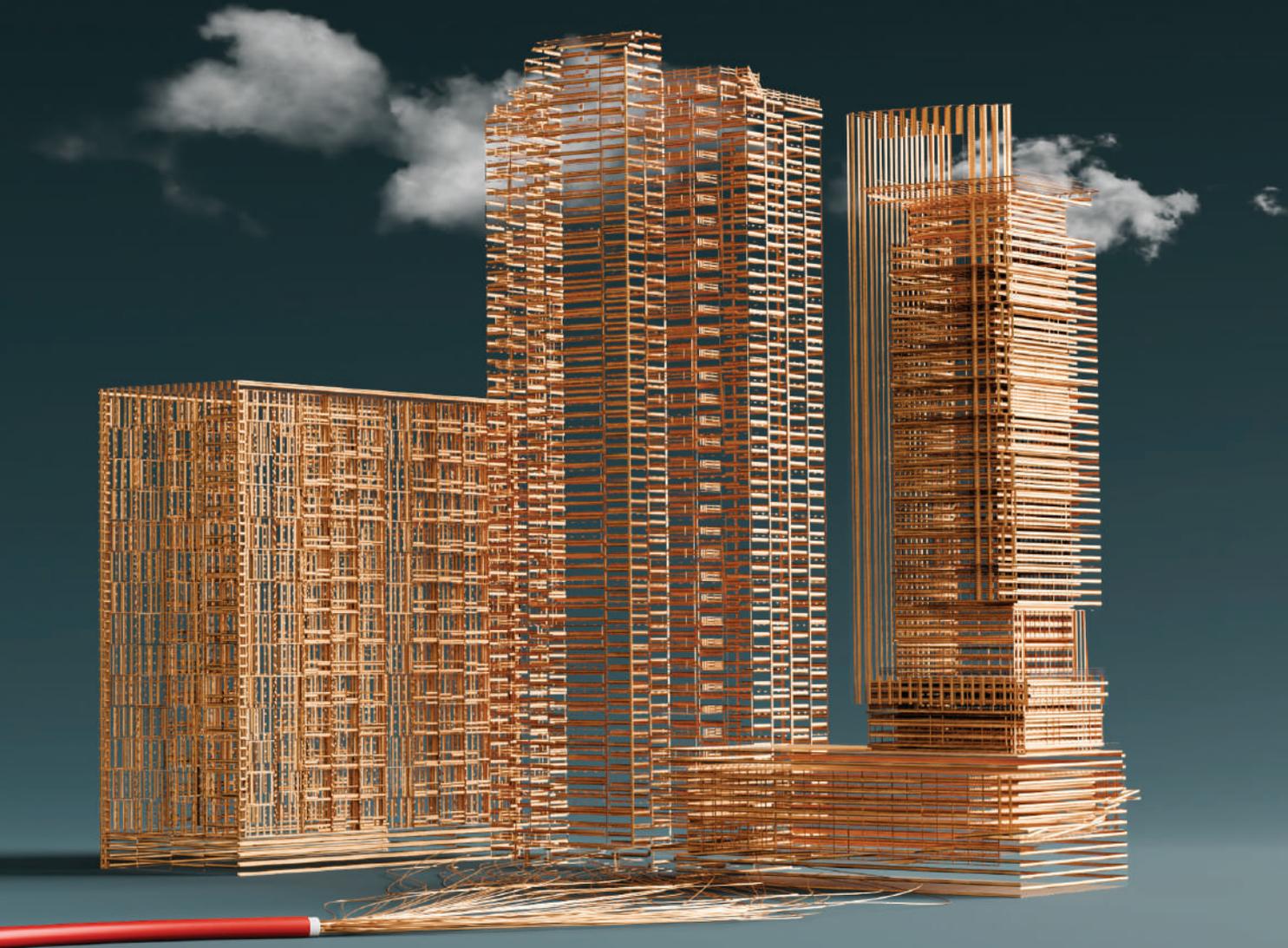
HOUSE WIRES

House Wires are designed to deliver superior conductivity, reliable power and enhanced safety.

Manufactured with high-purity copper conductors and advanced flame-retardant insulation, they ensure long-lasting performance, reduced heat buildup and dependable protection, making them the ideal choice for your spaces.

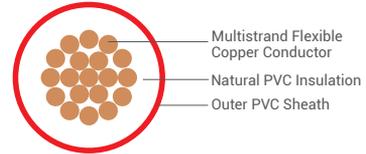


*Powering Spaces
with Safety*





VINFR FLAME RETARDANT



Special Feature : Specially designed for provisional wiring in infrastructures with higher ambient temperatures for higher conductivity & optimum efficiency.

Suitable For : Residential & Commercial Spaces

Insulation : IS 5831, Type D (Class 5) + FR

Conductor : 99.97% Pure Electrolytic Grade Annealed Copper

Rating : Upto & Including 1100V

Approvals : IS 694, FIA/TAC Approved

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

Marking : Printed with marking of 'VINAY WIRES - VINFR'

Packing : 90 mtrs. coil & 200 mtrs. coil available

TECHNICAL PROPERTIES

No. / Nom. Diameter of Wire	Nominal Area of Conductor	Nominal Thickness Insulation	Approx Overall Diameter	Max. Cond. Resistance at 20° C	Current Rating 2 Wires Single Phase AC/DC	Additional Properties	
						Critical Oxygen Index	Temp. Index
No. / mm	sq. mm	mm	mm	Ohms/km	Amps	%	°C
16 / 0.20	0.50	0.60	2.10	39.00	4.0	>30	>300
24 / 0.20	0.75	0.60	2.30	26.00	7.0	>30	>300
32 / 0.20	1.00	0.60	2.60	19.50	14.00	>30	>300
30 / 0.25	1.50	0.60	2.90	13.30	18.00	>30	>300
50 / 0.25	2.50	0.70	3.60	7.98	26.00	>30	>300
56 / 0.30	4.00	0.80	3.90	4.95	30.00	>30	>300
84 / 0.30	6.00	0.80	4.50	3.30	38.00	>30	>300
140 / 0.30	10.00	1.00	6.00	1.91	51.00	>30	>300



Anti Termite Properties



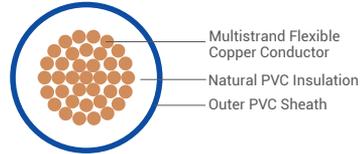
Anti Rodent Properties

VINFR wires ensure superior conductivity, optimum efficiency and enhanced safety. Manufactured with flame retardant properties and Pure Electrolytic Grade Annealed Copper Conductor, they deliver reliable protection and consistent performance, making them the perfect choice for residential and commercial projects.





VINFR+ FLAME
RETARDANT



Special Feature : Specifically designed to ensure optimum protection, the FR property in our VINFR+ Wires retards the propagation of flame without compromising safety.

Suitable For : Residential & Commercial Spaces like schools, malls, theatres, hospitals, etc.

Insulation : IS 5831, Type A (Class 2) / Type D (Class 5) + FR

Conductor : 99.97% Pure Electrolytic Grade Annealed Copper

Rating : Upto & Including 1100V

Approvals : IS 694, FIA/TAC Approved

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

Marking : Printed with marking of 'VINAY WIRES - VINFR+'

Packing : 90 mtrs. coil & 180 mtrs. coil available

TECHNICAL PROPERTIES

No. / Nom. Diameter of Wire	Nominal Area of Conductor	Nominal Thickness Insulation	Approx Overall Diameter	Max. Cond. Resistance at 20° C	Current Rating 2 Wires Single Phase AC/DC	Additional Properties	
						Critical Oxygen Index	Temp. Index
No. / mm	sq. mm	mm	mm	Ohms/km	Amps	%	°C
16 / 0.20	0.50	0.60	2.10	39.00	4.00	>30	>300
24 / 0.20	0.75	0.60	2.30	26.00	7.00	>30	>300
*14 / 0.30	1.00	0.70	2.60	18.10	13.00	>30	>300
*22 / 0.30	1.50	0.70	3.00	12.10	16.00	>30	>300
*36 / 0.30	2.50	0.80	3.65	7.41	22.00	>30	>300
56 / 0.30	4.00	0.80	4.10	4.95	30.00	>30	>300
84 / 0.30	6.00	0.80	4.60	3.30	38.00	>30	>300
140 / 0.30	10.00	1.00	6.20	1.91	51.00	>30	>300
224 / 0.30	16.00	1.00	7.90	1.21	69.00	>30	>300
196 / 0.40	25.00	1.20	9.70	0.780	91.00	>30	>300
280 / 0.40	35.00	1.20	11.50	0.554	105.00	>30	>300
396 / 0.40	50.00	1.40	13.00	0.386	125.00	>30	>300

*Type A, Class 2 Products



Anti Termite Properties



Anti Rodent Properties

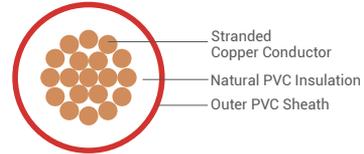


VINFR+ Wires deliver superior conductivity and advanced protection. Manufactured with high-quality FR insulation, they ensure consistent performance and reliable safety, making them perfect for residential & commercial spaces.



VINSTRND

FLAME
RETARDANT



Special Feature : Specially designed for superior flexibility, higher conductivity and stable performance.

Suitable For : Residential & Commercial Spaces

Insulation : Heat Resistant & Flame Retardant IS 5831, Type A (Class 2)

Conductor : 99.97% Pure Electrolytic Grade Annealed Copper

Rating : Upto & Including 1100V

Approvals : IS 694, FIA/TAC Approved

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

Marking : Printed with marking of 'VINAY WIRES - VINSTRND'

Packing : 90 mtrs. coil. Longer length available on request

TECHNICAL PROPERTIES

No. / Nom. Diameter of Wire	Nominal Area of Conductor	Nominal Thickness Insulation	Approx Overall Diameter	Max. Cond. Resistance at 20° C	Current Rating 2 Wires Single Phase AC/DC	Additional Properties	
						Critical Oxygen Index	Temp. Index
No. / mm	sq. mm	mm	mm	Ohms/km	Amps	%	°C
1/1.13	1.00	0.70	2.70	18.10	13.00	>30	>300
3/0.80	1.50	0.70	2.90	12.10	16.00	>30	>300
3/1.04	2.50	0.80	3.75	7.41	22.00	>30	>300
7/0.85	4.00	0.80	4.10	4.61	30.00	>30	>300
7/1.04	6.00	0.80	4.65	3.08	38.00	>30	>300
7/1.35	10.00	1.00	6.40	1.83	51.00	>30	>300

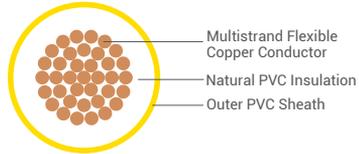
VINSTRND Wires are precision-stranded for superior flexibility, higher conductivity, and long-lasting performance. Their Flame-Retardant insulation paired with Pure Electrolytic Grade Annealed Copper ensures enhanced safety, reduced heat buildup, and consistent reliability—perfect for complex wiring layouts in residential and commercial installations.





VINFRLS

FLAME RETARDANT
LOW SMOKE



Special Feature : Intricately designed wire with FRLS property that retards the propagation of flame and emits minimum smoke aiding rescue operations in fire situations.

Suitable For : Residential and Commercial spaces like high rise buildings, schools, malls, hospitals, theaters etc.

Insulation : IS 5831, Type A (Class 2) / Type D (Class 5) + FRLS 70°C

Conductor : 99.97% Pure Electrolytic Grade Annealed Copper

Rating: Upto & Including 1100V

Approvals : IS 694, FIA/TAC Approved

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

Marking : Printed with marking of

'VINAY WIRES - VINFRLS

Packing : 90 mtrs. coil & 180 mtrs. coil available

TECHNICAL PROPERTIES								
No. / Nom. Diameter of Wire	Nominal Area of Conductor	Nominal Thickness Insulation	Approx Overall Diameter	Max. Cond. Resistance at 20° C	Current Rating 2 Wires Single Phase AC/DC	Additional Properties		
						Critical Oxygen Index	Smoke Density Rating	HCL Gas Evolution
No. / mm	sq. mm	mm	mm	Ohms/km	Amps	%	%	Mg/Gm
14 / 0.30	1.00	0.70	2.70	18.10	13.00	>32	<45	<170
22 / 0.30	1.50	0.70	3.00	12.10	16.00	>32	<45	<170
36 / 0.30	2.50	0.80	3.70	7.41	22.00	>32	<45	<170
56 / 0.30	4.00	0.80	3.95	4.95	30.00	>32	<45	<170
84 / 0.30	6.00	0.80	4.70	3.30	38.00	>32	<45	<170
140 / 0.30	10.00	1.00	6.45	1.91	51.00	>32	<45	<170

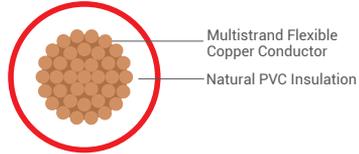


VINFRLS Wires combine high conductivity with flame-retardant, low-smoke insulation to enhance safety in enclosed spaces. Made with Pure Electrolytic Grade Annealed Copper, they significantly reduce smoke emission during fire incidents, ensuring clearer visibility, safer evacuation, and dependable performance across residential and commercial projects.



VINGRD

ZERO HALOGEN FLAME
RETARDANT LOW SMOKE



Special Feature : Designed with a specially formulated Zero Halogen Flame Retardant Low Smoke compound that resists burning, melting, or dripping, while emitting negligible, non-toxic smoke to aid fire safety.

Suitable For : Residential & Commercial Spaces

Insulation : IEC 60332-1 & 3, IEC 60754-1& 2

Conductor : 99.97% Pure Electrolytic Grade Annealed Copper

Rating : Upto & Including 1100V

Approvals : IS 694, FIA/TAC Approved

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

Marking : Printed with marking of 'VINAY WIRES - VINGRD ZHFRLS'

Packing : 90 mtrs. coil & 180 mtrs. coil available

TECHNICAL PROPERTIES								
No. / Nom. Diameter of Wire	Nominal Area of Conductor	Nominal Thickness Insulation	Approx Overall Diameter	Max. Cond. Resistance at 20° C	Current Rating 2 Wires Single Phase AC/DC	Additional Properties		
						Critical Oxygen Index	Smoke Density Rating	HCL Gas Evolution
No. / mm	sq. mm	mm	mm	Ohms/km	Amps	%	%	Mg/Gm
14/0.30	1.00	0.70	2.80	18.10	13.00	>32	<15	0.00
22/0.30	1.50	0.70	3.10	12.10	16.00	>32	<15	0.00
36/0.30	2.50	0.80	3.80	7.41	22.00	>32	<15	0.00
56/0.30	4.00	0.80	4.00	4.95	30.00	>32	<15	0.00
84/0.30	6.00	0.80	4.80	3.30	38.00	>32	<15	0.00
140/0.30	10.00	1.00	6.30	1.91	51.00	>32	<15	0.00



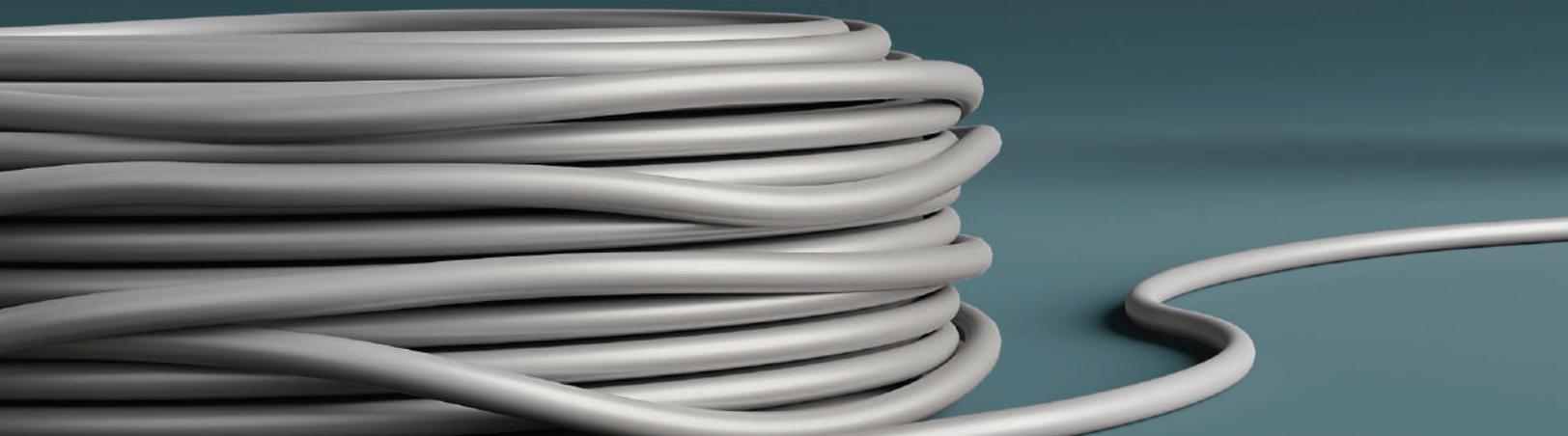
VINGRD Wires are engineered for environments that demand maximum safety. With Zero-Halogen, Flame-Retardant, and Low-Smoke properties, they release minimal toxic gases in fire situations. Engineered with Pure Electrolytic Grade Annealed Copper Conductor, they offer superior conductivity, reliable protection, and eco-friendly insulation—ideal for modern infrastructures and sensitive installations.

for uninterrupted connectivity

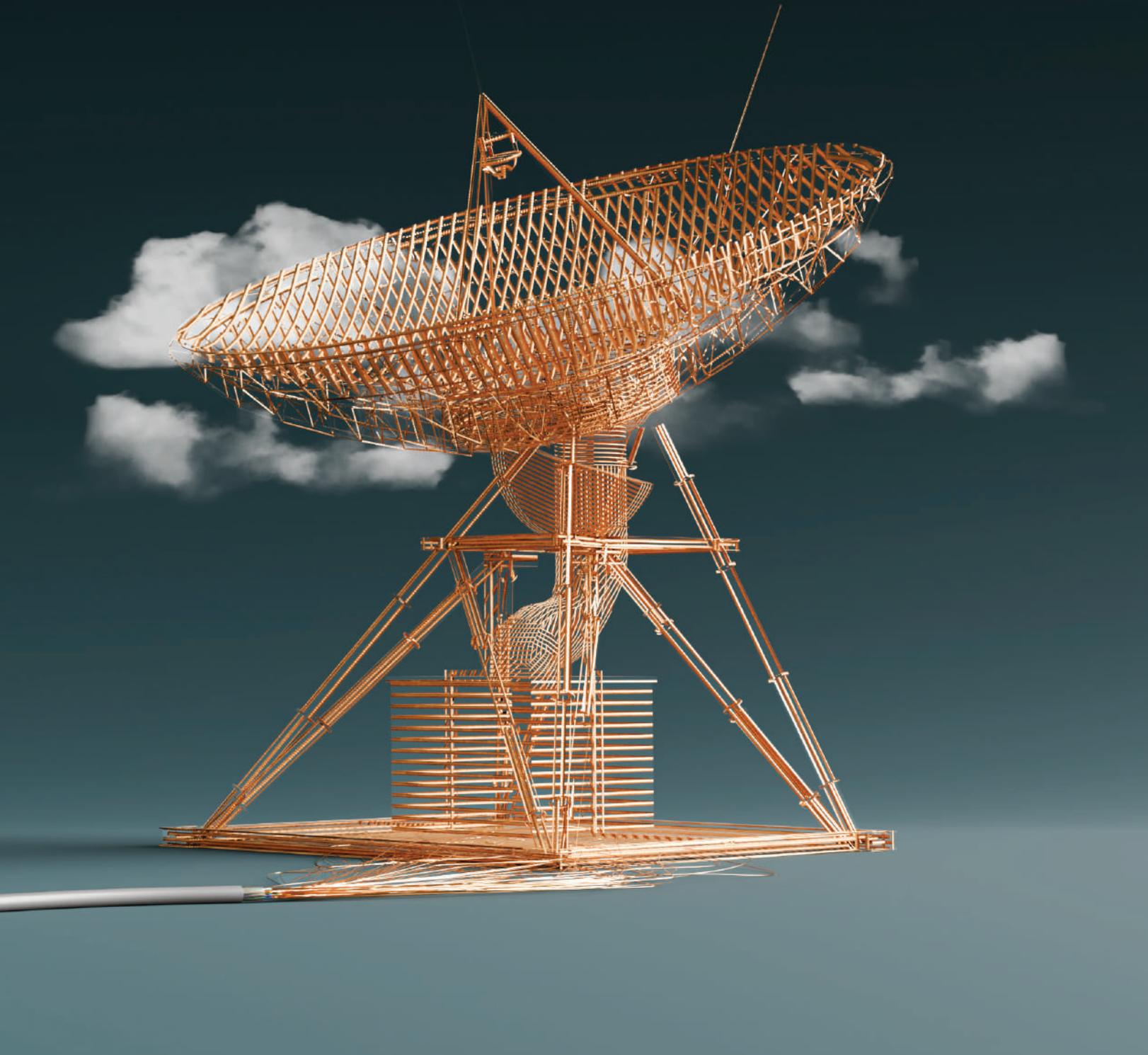
DATA & COMMUNICATION CABLES

Data & Communication Wires ensure fast, stable, and interference-free signal transmission across voice, video, and data applications.

Engineered with precision conductors, advanced shielding, and high-quality insulation, they offer superior bandwidth, reduced noise, and consistent connectivity—perfect for homes, offices, IT networks, and digital communication systems.



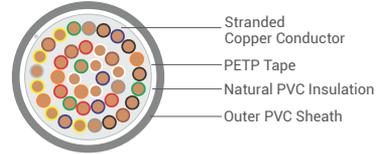
*Powering Spaces
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VINTEL

TELEPHONE CABLES



Special Feature : Designed for enhanced voice clarity & reduced cross-talk, ensuring reliable low-voltage communication

Suitable For : Voice Lines, EPABX systems, DSL internet networks

Conductor : Solid electrolytic grade bare copper conductor for 0.40 mm and solid electrolytic grade of Tin Copper for 0.50 mm

Insulation : Polyethylene Foam Insulation with Laminated Al. Tape

Approvals : ITD-S/WS 113C

Rating : Upto & Including 1100V

Outer Sheath : Aluminium Wire Braided, Jelly Flooded and PVC Black Sheath

Marking : Printed with marking of 'VINAY WIRES - VINTEL'

Packing : 0.40 (Outer Sheath - Orange) in 90 mtr. in polybag.
0.50 (Outer Sheath - Grey) in 100 mtr. in polybag.
Higher lengths available on special request.

TECHNICAL PROPERTIES

Code No.	No. of Pairs Nos.	Approx. Outer mm	Conductor Resistance at 20° C Ohms / km	Mutual Capacitance nF / km (Max)	Capacitance Unbalance pF/100m. Max	
					Pair to Pair	Pair to Ground
T0140 T0150*	1	3.00	137.30 90.00	50	250	300
T0240 T0250*	2	3.50	137.30 90.00	50	250	300
T0340 T0350*	3	4.20	137.30 90.00	50	250	300
T0440 T0450*	4	5.30	137.30 90.00	50	250	300
T0540 T0550*	5	6.00	137.30 90.00	50	250	300
T1040 T1050*	10	8.50	137.30 90.00	50	250	300
T2040 T2050*	20	12.50	137.30 90.00	50	250	300

Note : 0.40 mm Annealed Bare Copper and *0.50 mm Annealed Tin Copper

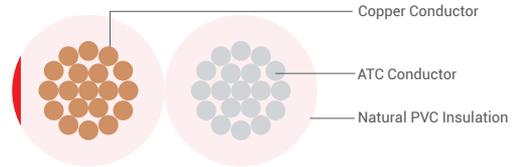
VINTEL Telephone Wires ensure clear, distortion-free voice transmission. Manufactured with high-purity copper conductors and insulated with durable PVC, they offer reliable connectivity, reduced interference and long-lasting performance.





VINSPKR

SPEAKER CABLES



Suitable For : Residential & Commercial Spaces
Cable Construction : The wires are made with bright annealed, flexible electrolytic-grade copper conductors, compactly bunched and insulated with a specially formulated PVC compound. Each core is uniquely marked for easy identification, with uniform spacing between conductors to ensure consistent capacitance.

Insulation : PVC Type A as per IS 5831/1984
Outer Sheath : PVC Type STI as per IS 5831/1984
Rating : Upto & Including 1100V
Marking : Printed with marking of 'VINAY WIRES - VINSPKR'
Packing : 100 mtrs. coil available

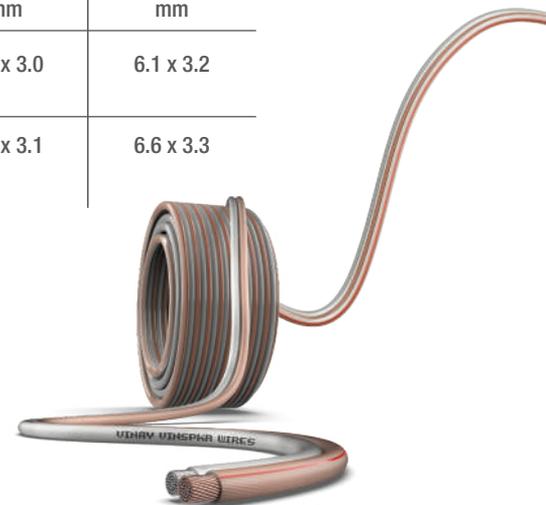
Twin Core Speaker Wire (Transparent)

TECHNICAL PROPERTIES					
Size	Thickness of Insulation		Overall Diameter (WxT)		
	Minimum mm	Average mm	Nominal mm	Minimum mm	Maximum mm
16/0.191 (0.200) 16/36 SWG (CU+ATC)	0.71	0.90	5.9 x 2.8	6.0 x 3.0	6.1 x 3.2
24/0.191 (0.200) 24/36 SWG (CU+ATC)	0.71	0.90	6.5 x 3.2	6.4 x 3.1	6.6 x 3.3
40/0.191 (0.200) 40/36 SWG (CU+ATC)	0.71	0.90	7.0 x 3.6	6.9 x 3.5	7.1 x 3.7

Twin Parallel Speaker Wire (White)

TECHNICAL PROPERTIES					
Size	Thickness of Insulation		Overall Diameter (WxT)		
	Minimum mm	Average mm	Nominal mm	Minimum mm	Maximum mm
16/0.191 (0.200) 16/36 SWG	0.44	0.60	5.9 x 2.8	6.0 x 3.0	6.1 x 3.2
24/0.191 (0.200) 24/36 SWG	0.44	0.60	6.5 x 3.2	6.4 x 3.1	6.6 x 3.3

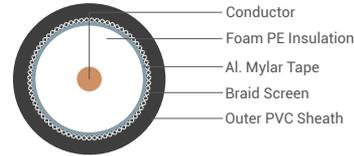
VNSPKR Speaker Wires are crafted for rich, distortion-free audio delivery. Made with high-conductivity copper and precision-stranded construction, they ensure efficient signal transfer, reduced resistance, and enhanced sound clarity.





VINCO-X

CO-AXIAL CABLES



Special Feature : Designed for superior signal transmission with UV- and moisture-resistant jackets, providing reliable, low-loss signal transmission across frequencies.

Suitable For : TV, satellite, CCTV and Broadband Applications

Conductor : Pure Electrolytic Grade Annealed Copper Conductor

Insulation : Foam PE which acts as dielectric

Screen : Aluminium Mylar Tape

Braiding : 60% coverage of ATC (Annealed Tinned Copper) / Aluminium Alloy

Outer Sheath : PVC Black Sheath

Approvals : IS 694, FIA / TAC Approved

Rating : Upto & Including 1100V

Marking : Printed with marking of 'VINAY WIRES - VINCO-X'

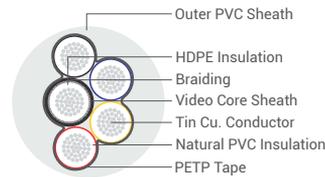
Packing : 100 mtr. and 305 mtr. coils

TECHNICAL PARAMETERS

Physical Parameters	Types of Cables			
	RG - 6	RG - 6 (CCS)	RG - 11	RG - 59
Inner Cond.	Annealed Bare Cu.	Cu. Coated Steel	Annealed Bare Cu.	Annealed Bare Cu.
Nom. Dia of Cond. (mm)	1.02	1.02	1.63	0.8
Insulation Type	PE Foam	PE Foam	PE Foam	PE Foam
Nom. Dia of Insu. (mm)	4.55	4.55	7.10	3.65
First Shield	Bonded Al. Tape	Bonded Al. Tape	Bonded Al. Tape	Bonded Al. Tape
Second Shield	Al. Braiding	Al. Braiding	Al. Braiding	Al. Braiding
Braiding Coverage (%)	60	60	60	60
No. of Braiding	64	64	96	64
Dia. of Braiding (mm)	0.15	0.15	0.15	0.15
Dia. Over Braiding (mm)	5.20	5.20	7.70	4.24
Outer Jacket	PVC (Black)	PVC (Black)	PVC (Black)	PVC (Black)
No. Overall Dia. (mm)	7.0	7.0	9.0	6.0
Electrical Parameters				
Max. Cond. Resistance at 20°C	2.10	2.10	0.80	3.70
Nom. Capacitance (Pf/m)	53	53	53	53
Dielectric Strength (KV)	>1	>1	>1	>1
Characteristic Impedance (Ohm)	75	75	75	75
Velocity of Propogation (%)	85	85	85	85
Min. Bending Radius (mm)	65	65	75	60



SECUVIN CCTV CABLES



Special Feature : Designed to ensure high-quality video transmission with flexible, low-distortion performance for reliable security and surveillance

Suitable For : Analog surveillance systems in homes, offices, retail and industrial setups

Insulation : Natural PVC | **Power Core Insulation :** HDPE

Conductor : Fine Tin Coated Electrolytic Grade Copper

Screen : Annealed Tin Coated Cu. 85% Cov. Approx.

Outer Sheath : White, Black with UV Resistance to ASTM G 154

Approvals : IS 694 - 2010

Rating : Upto & Including 1100V

Marking : Printed with marking of 'VINAY WIRES - SECUVIN'

Packing : 500 mtrs. coil available

TECHNICAL PROPERTIES

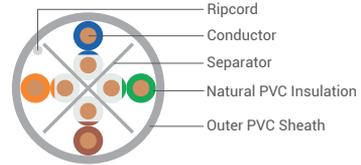
Cable Type	Cable Size (sq. mm)	Nominal Cable Diameter (mm)	Power Core Colour
CCTV Cable 4+1	4C + 1C x 0.25	6.8	RD, YL, BK, GN
CCTV Cable 3+1	3C + 1C x 0.25	6.8	RD, BK, GN



SECUVIN CCTV Wires ensure reliable video transmission with minimal signal loss, enabling clear and stable surveillance output. Built with superior shielding, they reduce interference and provide lasting durability, making them perfect for CCTV cameras, security systems, and monitoring networks.



VINLAN LAN CABLES



Special Feature : High-performance wires designed for modern digital networks, offering extended bandwidth to support high-speed voice, video, and data transmission.

Insulation : Natural PVC

Rating : Upto & Including 1100V

Suitable For : High-speed data, voice & video transmission for LANs, IP systems, internet and automation in homes, offices and data centers.

TECHNICAL PROPERTIES

Physical Properties	CAT 5e UTP LAN Cables	CAT 6 UTP LAN Cables
Conductor	Solid Bare Copper	Solid Bare Copper
Nominal Conductor Diameter	24 AWG (0.50 mm)	23 AWG (0.58 mm)
Insulation	Special Grade PE	Special Grade PE
Pair Separator	-	Special Grade PE
Pair 1	White - Blue	White - Blue
Pair 2	White - Orange	White - Orange
Pair 3	White - Green	White - Green
Pair 4	White - Brown	White - Brown
Outer Jacket	PVC	PVC
Nominal Overall Diameter	5.80 mm	6.00 mm
Jacket Colour	Grey	Grey

VINLAN LAN Cables are engineered for high-speed data transmission, stable network performance, and minimal signal loss. Built with precision-twisted copper pairs and advanced insulation, they deliver superior bandwidth, reduced crosstalk, and dependable connectivity, perfect for home networks, offices, IT setups, and high-performance digital environments.





Approvals : EN 50173, ISO/IEC 11801
TIA/EIA 568-B-1 /B-2

Performance : Enhanced CAT 6 / CAT 5e UTP
capable of handling 100 + Mbps data rates

Marking : Printed with marking of
'VINAY WIRES - VINLAN'

Packing : CAT 5e : 100 mtr. and 305 mtr.
CAT 6 : 305 mtr.

TECHNICAL PROPERTIES

Electrical Properties	CAT 5e UTP LAN Cables	CAT 6 UTP LAN Cables
DC Resistance @ 20 C (max.)	9.38 Ohm/100 M	6.53 Ohm/100 M
Capacitance Unbalance Pair to Ground (Max.)	330pF/100 M	330pF/100 M
Mutual Capacitance (Max.)	5.60nF/100 M	5.60nF/100 M
Characteristics Impedance	100+/-15 Ohms	100+/-15 Ohms
Nominal Velocity of Propagation	66%	66%
Delay Skew (Max.)	45ns	45ns
Propagation Delay @ 20 C, MHz	538 ns / 100 M	550 ns / 100 M
Cable Attenuation, 100 mHz	-	20.5 db / 100 M
Return Loss (>100m)	-	23 db



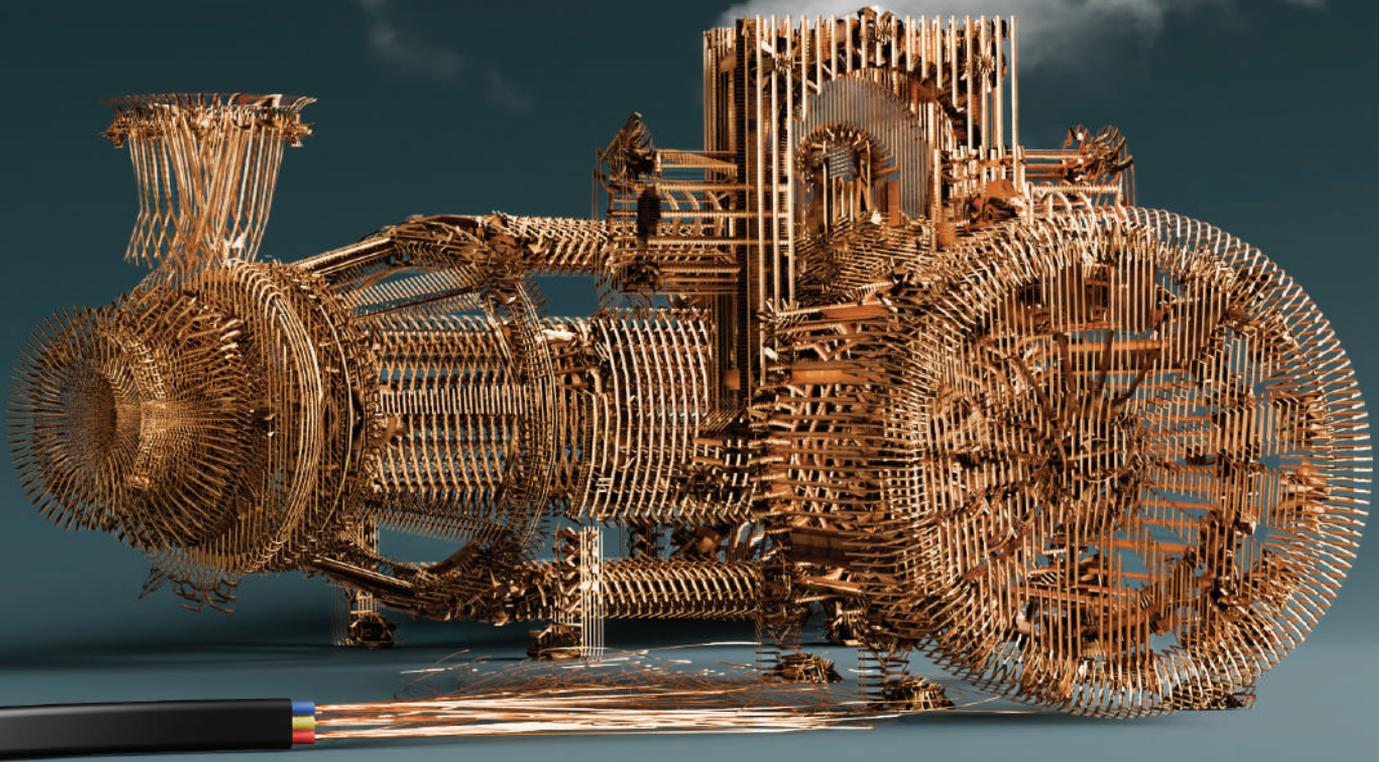
for efficiency in every coil

POWER WIRES

Power Wires are built to handle higher loads with superior efficiency and safety. Constructed using high-conductivity copper and robust insulation, they ensure reliable energy delivery, reduced power loss, and long-term durability. Ideal for industrial, commercial, and demanding electrical installations, they provide stable performance even under varying load conditions.

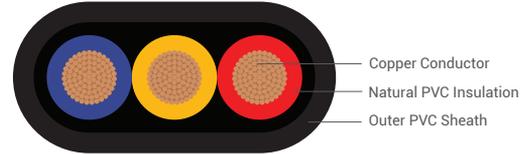


*Powering Spaces
with Safety*





VINSUB FLAT SUBMERSIBLE CABLES



Special Feature : Designed for reliable underwater performance with high insulation and moisture resistance.

Suitable For : Powering pumps in bore-wells, irrigation and water supply systems

Conductor : 99.97% Pure Electrolytic Grade Annealed Copper Conductor in Class 2 & Class 5 Variants as per EN 60228

Core Colour : Red, Yellow (Center Core), Blue

Insulation : PVC Type A (Class 2) / Type D (Class 5)

Outer Sheath : Water Resistant Outer Sheath

PVC Type ST1, IEC 60502-1, IS 5831

Approvals : IS 694, ITD-S/WS 113C

Rating : Upto & Including 1100V

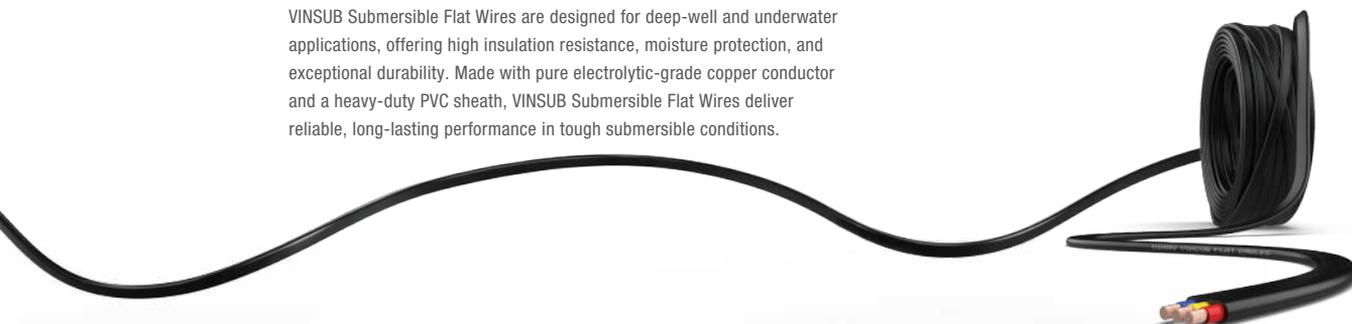
Marking : Printed with marking of 'VINAY WIRES - VINSUB'

Packing : 100 mtr. coils. Longer lengths available on special request.

TECHNICAL PROPERTIES

Conductor		Insulation		Sheath	
No. / Nominal Diameter of Wire	Nominal Area of Conductor	Nominal Thickness Insulation	Nominal Core Diameter	Nominal Thickness	Size (WxT) 3 Core (Max.)
No. / mm	sq. mm	mm	mm	mm	mm
22 / 0.30	1.50	0.60	3.10	0.90	12.0 x 5.6
30 / 0.25 **	1.50	0.60	2.90	0.90	10.3 x 5.2
36 / 0.30	2.50	0.70	3.80	1.00	13.0 x 6.2
50 / 0.25 **	2.50	0.70	3.60	1.00	12.3 x 6.2
56 / 0.30	4.00	0.80	4.40	1.00	15.3 x 7.1
56 / 0.30 **	4.00	0.80	3.90	1.00	13.5 x 6.15
84 / 0.30	6.00	0.80	5.00	1.10	19.2 x 8.4

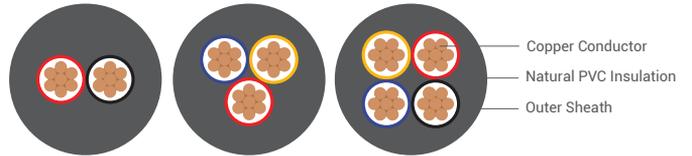
VINSUB Submersible Flat Wires are designed for deep-well and underwater applications, offering high insulation resistance, moisture protection, and exceptional durability. Made with pure electrolytic-grade copper conductor and a heavy-duty PVC sheath, VINSUB Submersible Flat Wires deliver reliable, long-lasting performance in tough submersible conditions.





COREVIN

MULTICORE CABLES



Special Feature : Designed for efficient, organized wiring for residential, commercial, and industrial use.

Suitable For : Powering electrical equipment, control panels, Motors and HVAC systems.

Conductor : Pure Electrolytic Grade Annealed Copper in Class 2 & Class 5 Variants

Core Colours : (a) Red, Black (for 2 Core), (b) Red, Yellow, Blue (for 3 Core), (c) Red, Yellow, Blue, Black (for 4 Core)

Sheath : Natural PVC in Black Colour

PVC 70°C : IS 694, IS 8130 Class 2
(1.0, 1.5 & 2.5 Sq. mm)

Approvals : IS 694, FIA / TAC

Rating : Upto & Including 1100V

Marking : Printed with marking of 'VINAY WIRES - COREVIN'

Packing : 100 mtr. coils.

TECHNICAL PROPERTIES

Nominal Area of Conductor	Size of Conductor	Thickness of Insulation	Thickness of Sheath (ts)			Overall Dimension. Max.			Max. Cond. Resistance at 20°C	Current Rating
			2 Core	3 Core	4 Core	2 Core	3 Core	4 Core		
mm ²	mm	mm	mm	mm	mm	mm	mm	mm	Ohms/km	Amps
0.50	16/0.20	0.60	0.90	0.90	0.90	6.90	7.30	8.00	39.00	4.00
0.50	16/0.20	0.60	0.90	0.90	0.90	5.90	6.15	8.00	39.00	4.00
0.75	24/0.20	0.60	0.90	0.90	0.90	7.30	7.70	8.40	26.00	7.00
0.75	24/0.20	0.60	0.90	0.90	0.90	6.30	7.10	8.40	26.00	7.00
1.00	14/0.30	0.60	0.90	0.90	0.90	7.60	8.10	8.80	18.10	13.00
1.00	32/0.20	0.60	0.90	0.90	0.90	6.50	7.20	8.50	19.50	14.00
1.50	22/0.30	0.60	0.90	0.90	0.90	8.90	9.40	10.40	12.10	16.00
1.50	30/0.25	0.60	0.90	0.90	0.90	7.40	7.90	9.00	13.30	18.00
2.50	36/0.30	0.70	1.00	1.00	1.00	10.30	10.90	12.00	7.41	22.00
2.50	50/0.25	0.70	0.90	1.00	1.00	8.60	9.60	11.50	7.98	26.00
4.00	56/0.30	0.80	1.00	1.00	1.00	11.60	12.40	13.60	4.95	30.00
4.00	56/0.30	0.80	1.40	1.40	1.00	9.70	10.70	11.90	4.95	30.00
6.00	84/0.30	0.80	1.10	1.10	1.10	13.00	13.80	15.47	3.30	38.00
6.00	84/0.30	0.80	1.10	1.20	1.20	13.00	13.80	15.47	3.30	38.00

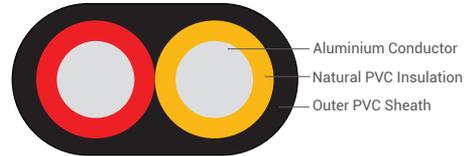
COREVIN Round Multicore Cables deliver efficient power and signal transmission through multiple insulated copper cores, protected by a rugged outer sheath. Flexible, durable, and easy to install, they are ideal for control panels, machinery, appliances, and other industrial and commercial applications.





ALUVIN

ALUMINIUM
FLAT CABLE



Special Feature : Aluminium Flat Cables are perfect for rural electrification with moderate flexibility and conductivity.

Suitable For : Agricultural pumps, temporary / service connections

Insulation : FR PVC

Conductor : Highly Tensile Solid Aluminium Conductor Grade H2 / H4 of IS 8130 / 2013

Conductor Variant : Solid & Multistrand**

Approvals : IS 694 - 2010

Insulation : PVC Type A as per IS 5831/1984

Outer Sheath : PVC Type STI as per IS 5831/1984

Rating : Upto & Including 1100V

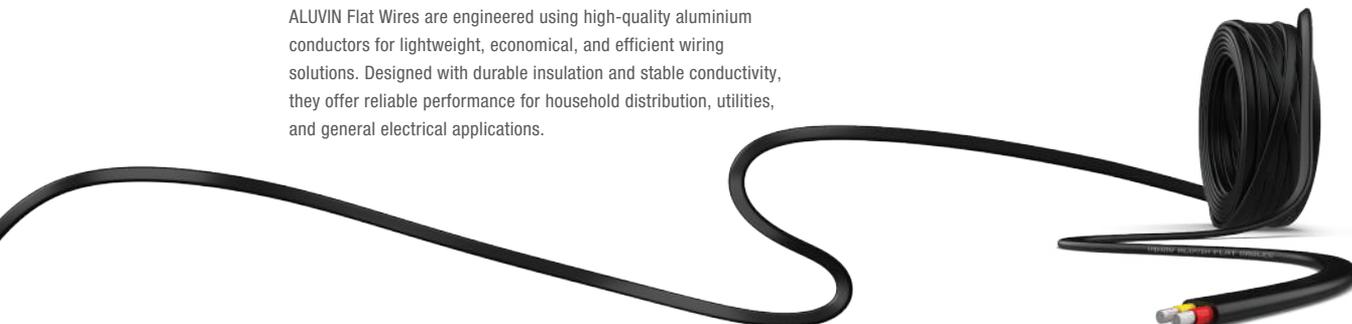
Marking : Printed with marking of 'VINAY WIRES - ALUVIN'

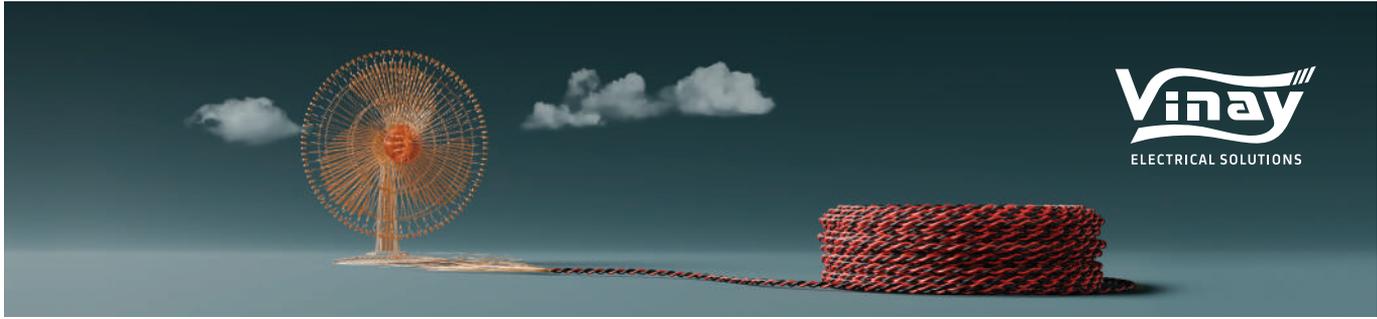
Packing : 500 mtrs. coil available

TECHNICAL PROPERTIES

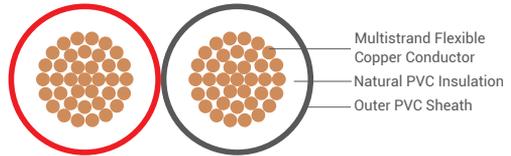
Conductor		PVC Insulation			PVC Sheath		Current Ratings at 40° C	Max. D/C Resistance at 20° C
Nominal Area of Conductor	Conductor Construction	Nominal Thickness Insulation	Approx Core Diameter	Nominal Thickness	Height	Width		
sq. mm	No. / mm	mm	mm	mm	mm	mm	Amps	Ohms/km
4.00	1/2.25	0.8	3.8	1.0	7.2	11.5	23.0	7.41
4.00**	7/32	0.8	3.8	1.0	7.2	11.5	23.0	7.41
6.00	1/2.76	0.8	4.5	1.1	8.0	13.0	30.0	4.61
6.00**	7/42	0.8	4.5	1.1	8.0	13.0	30.0	4.61
10.00	1/3.75	1.0	5.5	1.2	9.6	16.0	40.0	3.08

ALUVIN Flat Wires are engineered using high-quality aluminium conductors for lightweight, economical, and efficient wiring solutions. Designed with durable insulation and stable conductivity, they offer reliable performance for household distribution, utilities, and general electrical applications.





VINTWIN FLEXIBLE WIRES



Special Feature : Twin Twisted Provisional Wires are ideal for temporary, low-load connections offering flexible, easy-to-use wiring for quick and economical installations.

Suitable For : Homes, Events, and light-duty setups

Conductor : 99.97% Pure Electrolytic Grade Annealed Multiwire Copper Conductor in Class 2 and Class 5 Variants as per EN 60228, Resists Flexural Breakages

Insulation : FR PVC

Types Available : Twisted

Approvals : IS 694, FIA/TAC Approved

Marking : Printed with marking of 'VINAY WIRES - VINTWIN'

Packing : 100 mtrs. coil available

TECHNICAL PROPERTIES

Size	Thickness of Insulation		Overall Diameter (WxT)			Current Rating 20°C Ohms / km	Printing Visual
	Minimum mm	Average mm	Nominal mm	Minimum mm	Maximum mm		
16/0.191 (0.200) 16/36 SWG	0.44	0.60	4.40	4.20	5.20	39.00	OK
24/0.191 (0.200) 24/36 SWG	0.44	0.60	4.80	4.60	5.60	26.00	OK

VINTWIN Twisted Wires ensure smooth power delivery with uniform copper conductors laid in a parallel formation. Flexible, easy to install, and insulated for enhanced safety, they provide consistent performance for lighting circuits, low-load appliances, and general domestic wiring needs.





powering excellence with uncompromised quality



Guided by a deep respect for nature, we ensure minimal environmental impact by manufacturing Lead and Cadmium-free products that meet all safety and quality standards, while adhering to stringent mechanical and electrical parameters.

Our state-of-the-art manufacturing facility in Daman spans over half a million square feet and is equipped with advanced production and testing technology.

Certified with CE, ISO 9001:2015, ISO 14001:2015, BIS and validated by FIA, TAC, NTH, CPRI, ERDA, and RoHS, the facility upholds the highest domestic and international quality standards for consistent product excellence.





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Thrissur : +91 95263 61939 | Zirakpur : +91 99881 99441

SCAN FOR STARGATE APP:



APPLE STORE



PLAY STORE