



BUILT TO CONNECT. ENGINEERED TO LAST.

COMPLETE CABLING SOLUTIONS
FOR A CONNECTED WORLD.



RELIABLE
CONNECTIVITY

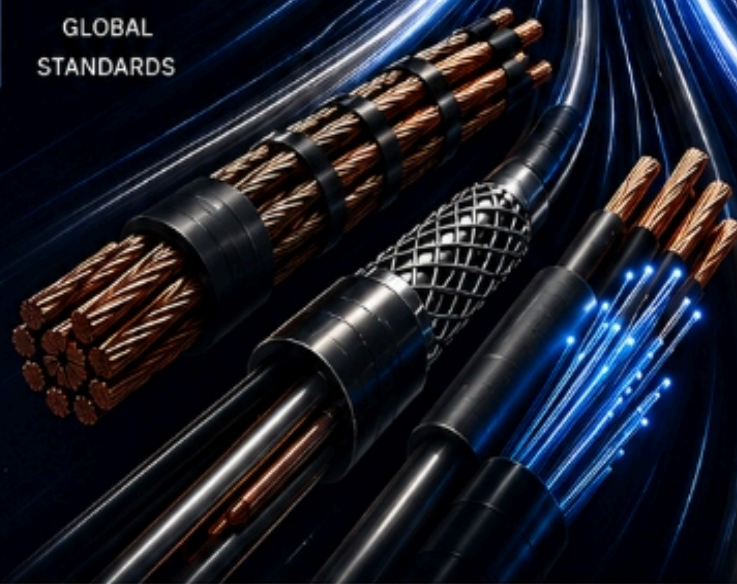


ENGINEERED
PRECISION



GLOBAL
STANDARDS

HIGH PERFORMANCE
WIRES & CABLES
ENGINEERED FOR
EXCELLENCE.



CE COMPLIANT



ROHS CERTIFIED



ISO 9001
CERTIFIED



UL CERTIFIED



OUR STORY

We design, engineer, and manufacture high-conductivity copper and advanced fiber optic systems that form the physical backbone of critical enterprise networks, telecom grids, and industrial installations worldwide. Since our founding, we have prioritized first-principles engineering and material purity above all else, establishing ourselves as a premier manufacturing partner.

Our state-of-the-art facilities in Jaipur utilize advanced German extrusion, high-speed drawing, and automated stranding machinery to achieve ultra-fine dimensional tolerances and unmatched electrical performance. This allows us to supply high-purity copper media and complex optical configurations to demanding sectors like data centers, defense, telecom networks, solar PV farms, and automotive giants.



20,000+ Sq. Ft.

ADVANCED PRODUCTION FACILITY

100% In-House

CONTINUOUS LAB VALIDATION

15+ Countries

GLOBAL EXPORT NETWORK



ENGINEERED TRUST & 100% HOME TESTED PROCESS CONTROLS

Every reel that leaves our facility undergoes rigorous spark testing, high-frequency parameter scans, and mechanical load validation. We ensure 100% home tested safety and long-term stability in the most demanding field installations.

OUR MISSION

To engineer and deliver world-class cabling infrastructure and high-conductivity copper pathways that power critical digital and power networks across every continent. We are dedicated to ensuring zero failure rates, maximum electrical efficiency, and long-term sustainability through first-principles engineering and process perfection.

OUR VISION

To be the most trusted, innovative, and carbon-neutral cable manufacturing partner for global enterprises, utility grid developers, defence institutions, and telecom operators, setting the global benchmark for signal integrity, mechanical reliability, and customer-first execution.



"At LANKABLE, we believe that the strength of any digital era lies in the integrity of its physical connections. We build the veins of modern industry."

CORE PRINCIPLES



ENGINEERING EXCELLENCE

We design every product with first-principles thinking, rigorous testing, and zero tolerance for shortcuts.



INNOVATION

From 400G switching to AI-driven RF optimization, we invest 20% of revenue annually in R&D.



RELIABILITY

Our products are deployed where failure is not an option. We design for 99.999% uptime from day one.



CUSTOMER OBSESSION

We measure success by our customers' network uptime, not our quarterly revenue.

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CUSTOM SIZING AND METALLURGY ARE AVAILABLE ON REQUEST

COMMUNICATION NETWORKS

COMMUNICATION INDUSTRY

High-speed optical backbones, low-attenuation coaxial feeds, and structured gigabit Ethernet channels. We manufacture the high-purity copper and fiber optic systems that power global telecommunications, carrier-grade GPON nodes, and enterprise networking grids.

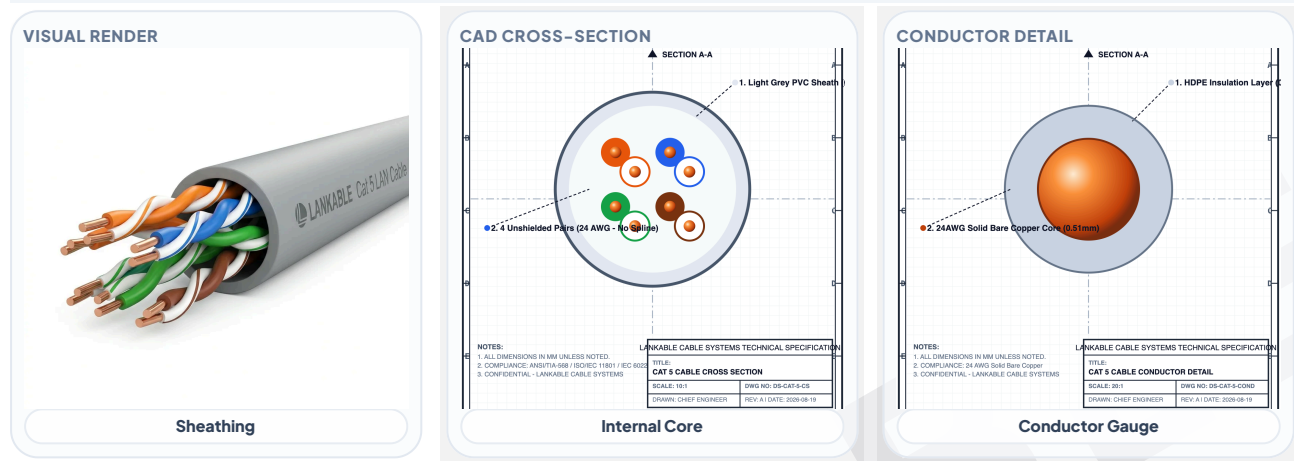
- STANDARDS COMPLIANT
- 100% TESTED

LAN COPPER CABLES

CAT 5 CABLE

Standard Cat 5 structured cable designed for basic network connections. Ideal for legacy networks, telephony, and low-speed IP applications.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ 24 AWG solid bare copper conductors
- ✓ High-density polyethylene (HDPE) insulation
- ✓ Flame retardant PVC jacket
- ✓ Supports speeds up to 100 Mbps
- ✓ MOQ: 1,000 Meters minimum

APPLICATIONS

- Fast Ethernet Networks
- IP Telephony (VoIP)
- Analog CCTV CCTV Systems
- Basic Control Circuits

DIMENSION CHARACTERISTICS

CONDUCTOR SIZE / STANDARD	NOMINAL OD	CONDUCTOR DC RESISTANCE	VELOCITY OF PROPAGATION
AWG 23 (Solid 0.57mm Conductor - Rec.)	6.2 mm	< 7.30 Ω/100m	69%
AWG 24 (Solid 0.51mm Conductor)	5.8 mm	< 9.38 Ω/100m	67%
AWG 25 (Solid 0.455mm Conductor)	5.5 mm	< 12.2 Ω/100m	66%

TECHNICAL DATA & APPROVALS

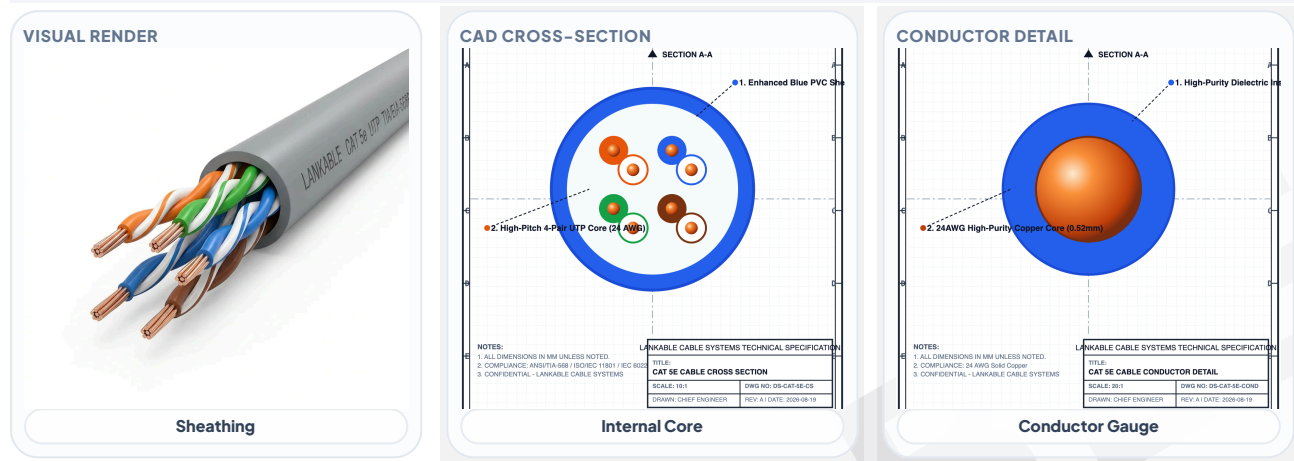
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	24 AWG (0.51mm) Solid Bare C...	Bandwidth	100 MHz
Insulation	High-Density Polyethylene (HD...	Impedance	100 ± 15 Ω
Shielding	U/UTP (Unshielded)	DC Resistance	< 9.38 Ω/100m @ 20°C
Jacket	Flame-Retardant PVC Grey	Velocity of Prop	67%
Bend Radius (Fixed)	4 x OD	Standards	ANSI/TIA-568-C.2, ISO/IEC 11...
Temp Range	-20°C to +70°C	Flame Retardancy	IEC 60332-1-2 / UL 1581 VW-1
Outer Diameter	5.4 mm	Environmental	RoHS Compliant

LAN COPPER CABLES

CAT 5E CABLE

Enhanced Category 5e LAN cable supporting Gigabit Ethernet rates. Engineered with tight twist layouts to reduce crosstalk and ensure signal integrity.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ 24 AWG solid copper conductors
- ✓ Gigabit Ethernet support up to 100m
- ✓ Low smoke zero halogen (LSZH) jacket option
- ✓ Exceeds ANSI/TIA-568.2-D specifications
- ✓ MOQ: 1,000 Meters minimum

APPLICATIONS

- Gigabit Ethernet (1000BASE-T) PoE (Power over Ethernet)
- Residential Structured Wiring Enterprise Networks

DIMENSION CHARACTERISTICS

CONDUCTOR SIZE / STANDARD	NOMINAL OD	CONDUCTOR DC RESISTANCE	VELOCITY OF PROPAGATION
AWG 23 (Solid 0.57mm Conductor - Rec.)	6.2 mm	< 7.30 Ω/100m	69%
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AWG 25 (Solid 0.455mm Conductor)	5.5 mm	< 12.2 Ω/100m	66%

TECHNICAL DATA & APPROVALS

Materials & Physical Properties	
Conductor	24 AWG (0.51 mm) Solid Bare C...
Insulation	High-Density Polyethylene (HD...
Shielding	U/UTP (Unshielded)
Jacket	Flame-Retardant PVC Grey
Bend Radius (Fixed)	4 x OD
Temp Range	-20°C to +70°C
Outer Diameter	5.4 mm

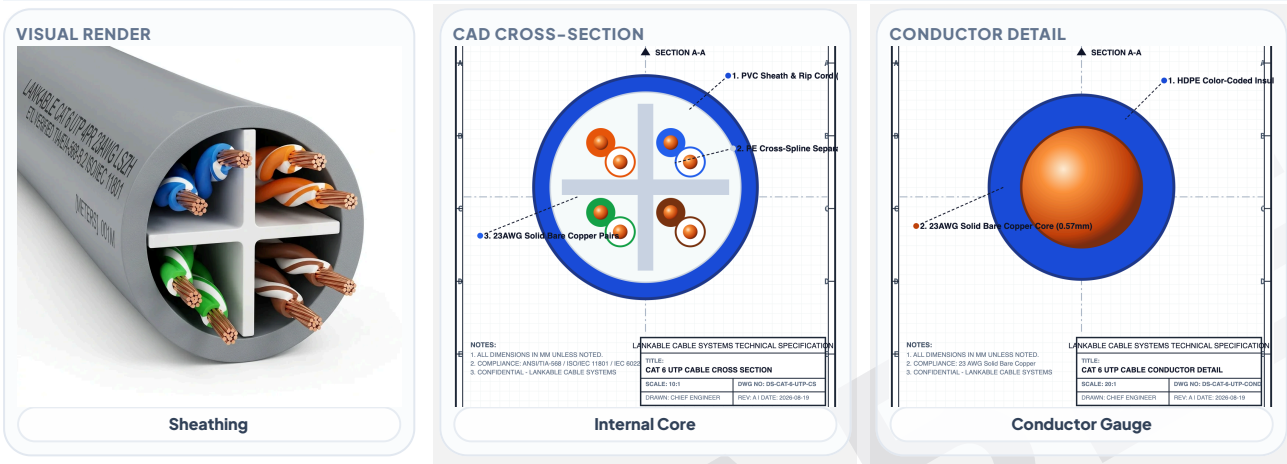
Electrical Parameters & Compliance	
Bandwidth	100 MHz
Impedance	100 ± 15 Ω
DC Resistance	< 9.38 Ω/100m @ 20°C
Velocity of Prop	67%
Standards	ANSI/TIA-568-C.2, ISO/IEC 11...
Flame Retardancy	IEC 60332-1-2 / UL 1581 VW-1
Environmental	RoHS Compliant

LAN COPPER CABLES

CAT 6 UTP CABLE

High-performance Category 6 Unshielded Twisted Pair cable. Features a physical internal spline separator to eliminate Near-End Crosstalk (NEXT) and support gigabit transmission.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ 23 AWG solid bare copper conductors
- ✓ Internal PE cross spline separator
- ✓ Low Smoke Zero Halogen (LSZH) jacket
- ✓ Supports 1GBASE-T and 10GBASE-T (up to 55m)
- ✓ MOQ: 1,000 Meters minimum

APPLICATIONS

- High-speed LAN Infrastructure
- PoE+ (Power over Ethernet Plus)
- Smart Office Cabling
- Commercial Data Drops

DIMENSION CHARACTERISTICS

CONDUCTOR SIZE / STANDARD	NOMINAL OD	CONDUCTOR DC RESISTANCE	VELOCITY OF PROPAGATION
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TECHNICAL DATA & APPROVALS

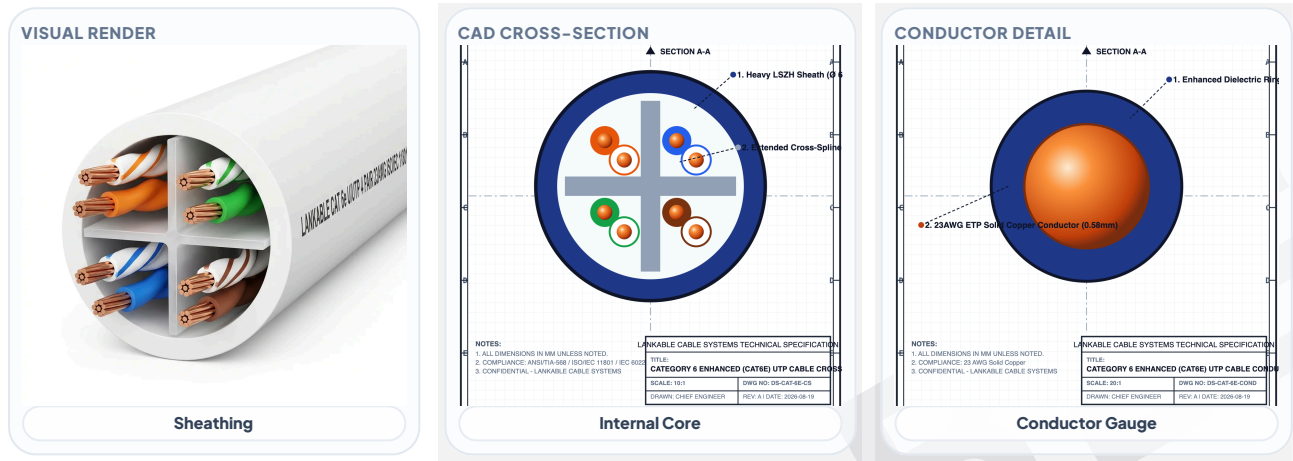
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	23 AWG (0.57 mm) Solid Bare C...	Bandwidth	250 MHz
Insulation	High-Density Polyethylene (HD...	Impedance	100 ± 15 Ω
Shielding	U/UTP (Unshielded)	DC Resistance	< 7.30 Ω/100m @ 20°C
Jacket	Flame-Retardant PVC Grey	Velocity of Prop	69%
Bend Radius (Fixed)	4 x OD	Standards	ANSI/TIA-568-C.2, ISO/IEC 11...
Temp Range	-20°C to +70°C	Flame Retardancy	IEC 60332-1-2 / UL 1581 VW-1
Outer Diameter	6.2 mm	Environmental	RoHS Compliant

LAN COPPER CABLES

CATEGORY 6 ENHANCED (CAT6E) UTP CABLE

Extended performance Category 6e cable. Tested up to 500 MHz, providing higher signal-to-noise margins for demanding networks.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ 23 AWG solid copper conductors
- ✓ Optimized twist ratios for low attenuation
- ✓ High performance cross spline separator
- ✓ LSZH flame retardant sheath
- ✓ MOQ: 1,000 Meters minimum

APPLICATIONS

- Data Centers
- PoE++ High Power Devices
- Broadband Video Transmission
- VoIP & Gigabit Networks

DIMENSION CHARACTERISTICS

CONDUCTOR SIZE / STANDARD	NOMINAL OD	CONDUCTOR DC RESISTANCE	VELOCITY OF PROPAGATION
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TECHNICAL DATA & APPROVALS

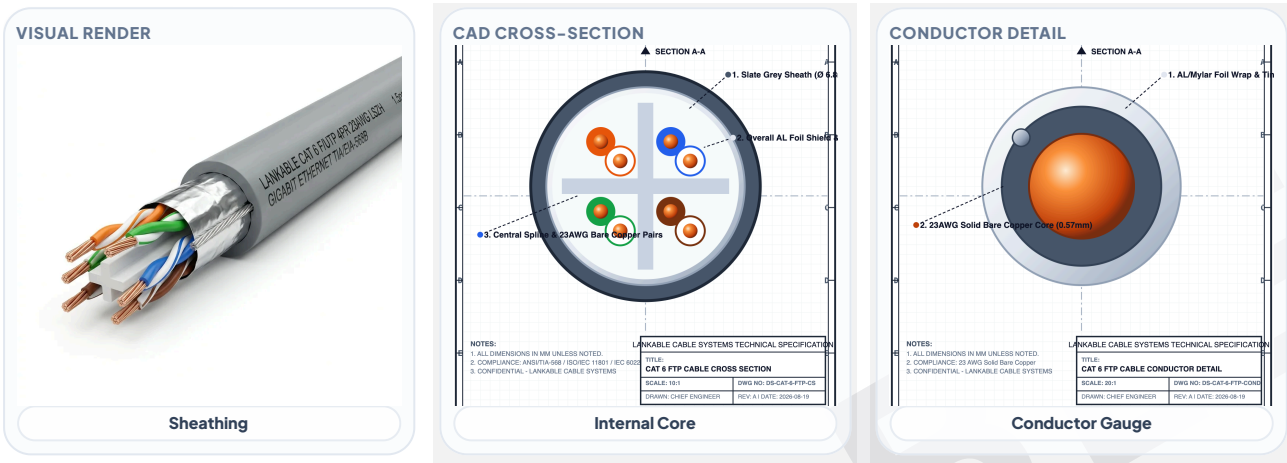
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	23 AWG (0.57 mm) Solid Bare C...	Bandwidth	250 MHz
Insulation	High-Density Polyethylene (HD...	Impedance	100 ± 15 Ω
Shielding	U/UTP (Unshielded)	DC Resistance	< 7.30 Ω/100m @ 20°C
Jacket	Flame-Retardant PVC Grey	Velocity of Prop	69%
Bend Radius (Fixed)	4 x OD	Standards	ANSI/TIA-568-C.2, ISO/IEC 11...
Temp Range	-20°C to +70°C	Flame Retardancy	IEC 60332-1-2 / UL 1581 VW-1
Outer Diameter	6.2 mm	Environmental	RoHS Compliant

LAN COPPER CABLES

CAT 6 FTP CABLE

Foil Shielded twisted pair (F/UTP) Category 6 cable. Wrapped in a continuous aluminum-mylar foil shield with drain wire to eliminate external EMI.

PRODUCT BUILD UP (SCHEMATICS)

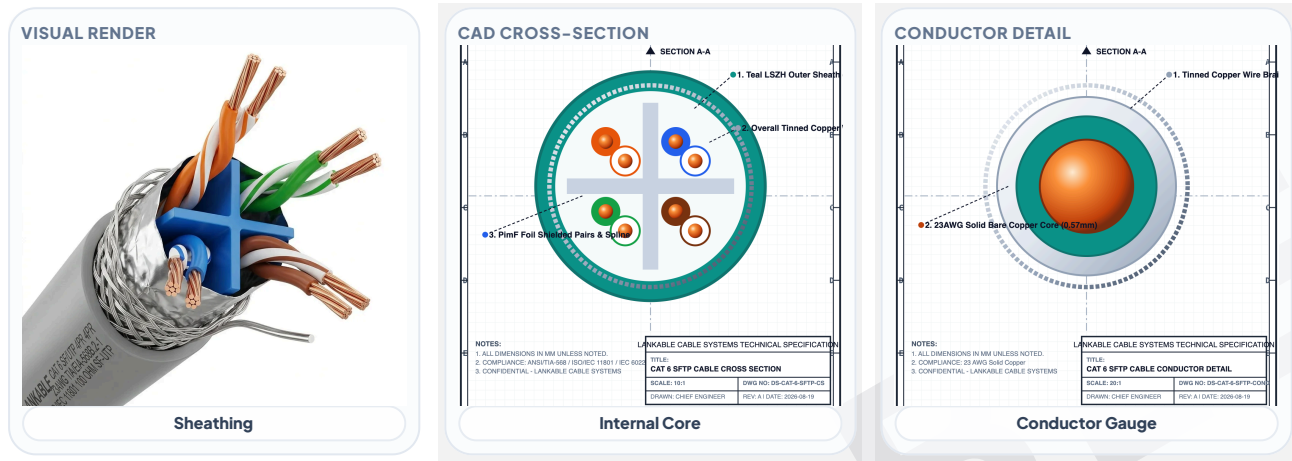


LAN COPPER CABLES

CAT 6 SFTP CABLE

Shielded Foil Twisted Pair (SF/UTP) Category 6 cable. Combines an overall braided copper screen and foil wrap for ultimate electromagnetic immunity.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ 23 AWG solid copper conductors
- ✓ Overall braid screen + inner foil shield
- ✓ Maximum protection against heavy industrial EMI
- ✓ Low smoke zero halogen jacket
- ✓ MOQ: 1,000 Meters minimum

APPLICATIONS

- Industrial Control Rooms
- Broadcast and AV Studios
- Defence Communications
- Power Transmission Substations

DIMENSION CHARACTERISTICS

CONDUCTOR SIZE / STANDARD	NOMINAL OD	CONDUCTOR DC RESISTANCE	VELOCITY OF PROPAGATION
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TECHNICAL DATA & APPROVALS

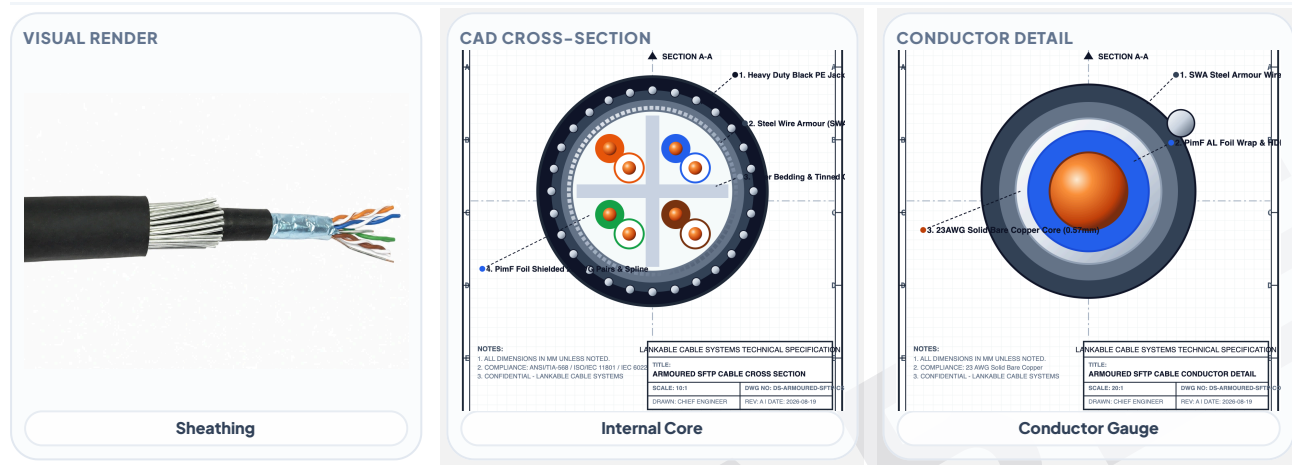
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	23 AWG (0.57 mm) Solid Bare C...	Bandwidth	250 MHz
Insulation	High-Density Polyethylene (HD...	Impedance	100 ± 15 Ω
Shielding	SF/UTP (Braid + Foil)	DC Resistance	< 7.30 Ω/100m @ 20 °C
Jacket	Flame-Retardant PVC Grey	Velocity of Prop	69%
Bend Radius (Fixed)	4 x OD	Standards	ANSI/TIA-568-C.2, ISO/IEC 11...
Temp Range	-20 °C to +70 °C	Flame Retardancy	IEC 60332-1-2 / UL 1581 VW-1
Outer Diameter	6.8 mm	Environmental	RoHS Compliant

ARMoured CABLES

ARMoured SFTP CABLE

Double-shielded, galvanized steel wire braided (SWB) armoured Category 6 cable. Engineered to withstand extreme mechanical stress, crush forces, and rodent damage.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ 23 AWG solid bare copper
- ✓ Galvanized steel wire armouring
- ✓ Overall tinned copper braid + aluminum foil shield
- ✓ Heavy duty double HDPE/LSZH jacket
- ✓ MOQ: 2,000 Meters minimum

APPLICATIONS

- Direct Burial Installations
- Petrochemical Industrial Floors
- Railway & Subway Infrastructure
- Mining & Outdoor Operations

DIMENSION CHARACTERISTICS

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TECHNICAL DATA & APPROVALS

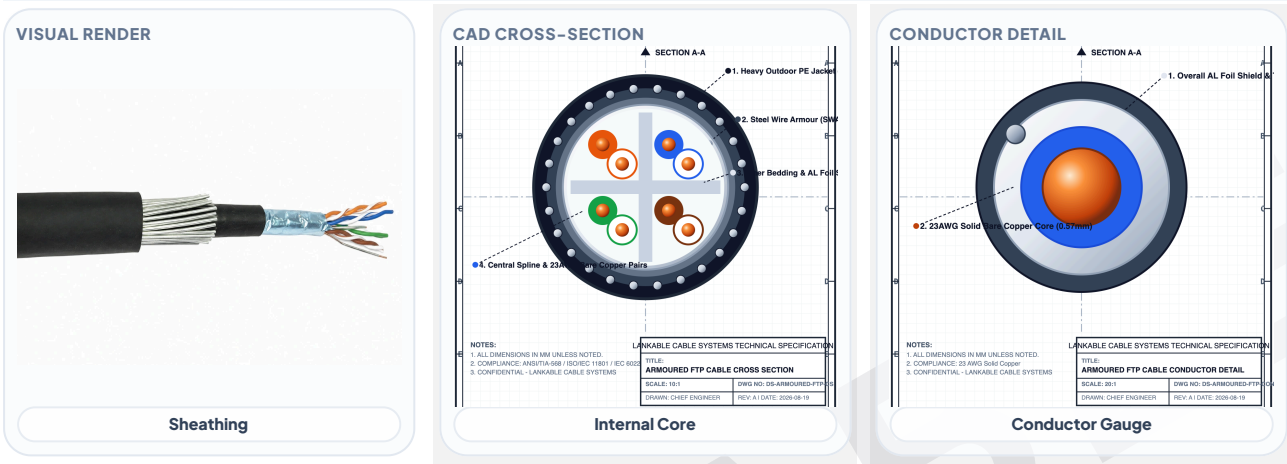
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	23 AWG (0.57 mm) Solid Bare C...	Bandwidth	250 MHz
Insulation	High-Density Polyethylene (HD...	Impedance	100 ± 15 Ω
Shielding	SF/UTP Double Shielded	DC Resistance	< 7.30 Ω/100m @ 20 °C
Jacket	Flame-Retardant PVC Grey	Velocity of Prop	69%
Bend Radius (Fixed)	4 x OD	Standards	ANSI/TIA-568-C.2, ISO/IEC 11...
Temp Range	-20 °C to +70 °C	Flame Retardancy	IEC 60332-1-2 / UL 1581 VW-1
Outer Diameter	6.8 mm	Environmental	RoHS Compliant

ARMoured CABLES

ARMoured FTP CABLE

Foil shielded armoured Cat 6 cable featuring a steel tape armour core. Protects the internal data conductors from heavy mechanical compression and chemical exposure.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ 23 AWG solid copper conductors
- ✓ Corrugated steel tape armouring
- ✓ Continuous aluminum foil shield wrap with drain wire
- ✓ Double HDPE outer jacket
- ✓ MOQ: 2,000 Meters minimum

APPLICATIONS

- Underground Conduit Systems

Rodent-Prone Sites
- Heavy Automation Plants

Oil & Gas Refineries

DIMENSION CHARACTERISTICS

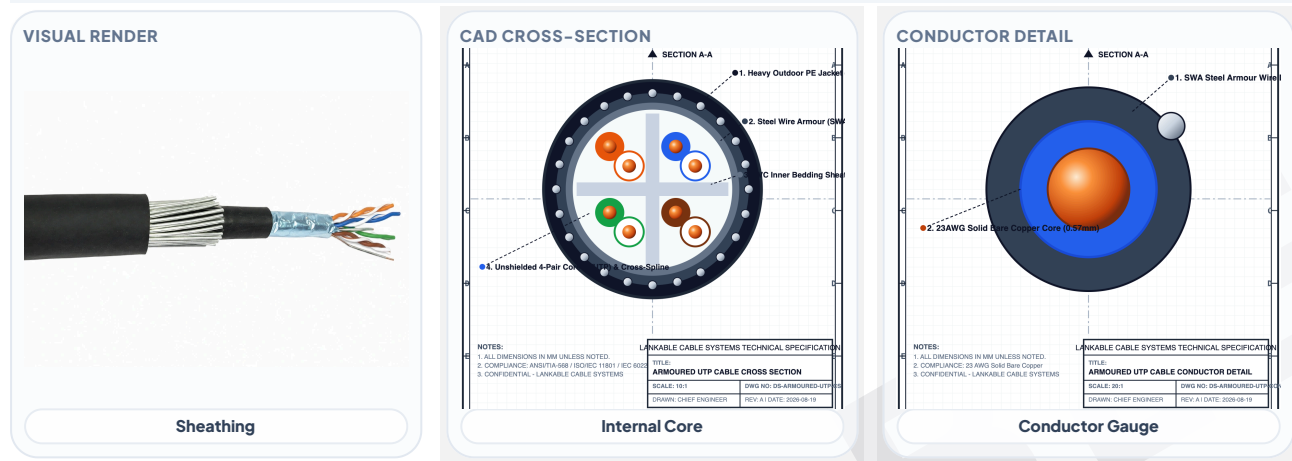
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AWG 25 (Solid 0.455mm Conductor)	5.5 mm	< 12.2 Ω/100m	66%

TECHNICAL DATA & APPROVALS

MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	23 AWG (0.57 mm) Solid Bare C...	Bandwidth	250 MHz
Insulation	High-Density Polyethylene (HD...	Impedance	100 ± 15 Ω
Shielding	F/UTP (Foil Shielded)	DC Resistance	< 7.30 Ω/100m @ 20 °C
Jacket	Flame-Retardant PVC Grey	Velocity of Prop	69%
Bend Radius (Fixed)	4 x OD	Standards	ANSI/TIA-568-C.2, ISO/IEC 11...
Temp Range	-20 °C to +70 °C	Flame Retardancy	IEC 60332-1-2 / UL 1581 VW-1
Outer Diameter	6.8 mm	Environmental	RoHS Compliant

Steel tape armoured unshielded twisted pair Cat 6 cable. Provides strong mechanical and rodent protection without shielding requirements.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ 23 AWG solid bare copper
- ✓ Corrugated steel tape armour layer
- ✓ Internal spline pair separator
- ✓ Double HDPE outer jacket
- ✓ MOQ: 2,000 Meters minimum

APPLICATIONS

- Direct Burial Landscaping Outdoor Duct Systems Security Camera Runs
- Campus Infrastructure

DIMENSION CHARACTERISTICS

CONDUCTOR SIZE / STANDARD	NOMINAL OD	CONDUCTOR DC RESISTANCE	VELOCITY OF PROPAGATION
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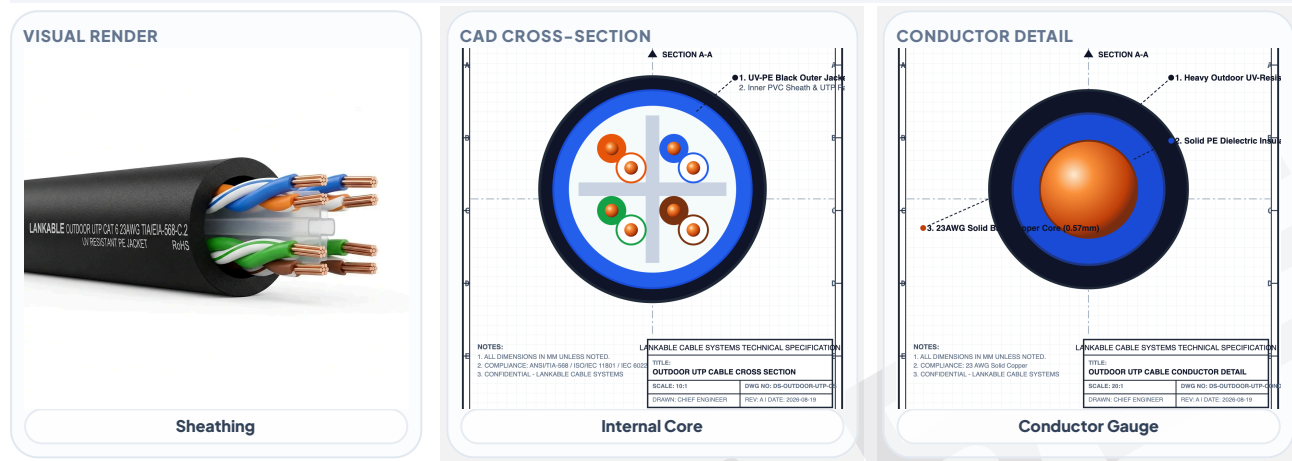
TECHNICAL DATA & APPROVALS

Materials & Physical Properties	
Conductor	23 AWG (0.57 mm) Solid Bare C...
Insulation	High-Density Polyethylene (HD...
Shielding	U/UTP (Unshielded)
Jacket	Flame-Retardant PVC Grey
Bend Radius (Fixed)	4 x OD
Temp Range	-20°C to +70°C
Outer Diameter	6.2 mm

Electrical Parameters & Compliance	
Bandwidth	250 MHz
Impedance	100 ± 15 Ω
DC Resistance	< 7.30 Ω/100m @ 20°C
Velocity of Prop	69%
Standards	ANSI/TIA-568-C.2, ISO/IEC 11...
Flame Retardancy	IEC 60332-1-2 / UL 1581 VW-1
Environmental	RoHS Compliant

Weather-resistant, UV-proof outdoor Cat 6 UTP cable. Built with a tough HDPE jacket and water-blocking gel to survive climate extremes without conduit protection.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ 23 AWG solid copper conductors
- ✓ Weather and UV-resistant HDPE jacket
- ✓ Water-blocking gel-filled core or swellable tape
- ✓ Internal spine separator
- ✓ MOQ: 2,000 Meters minimum

APPLICATIONS

- Outdoor CCTV Camera Runs Building-to-Building Aerials
- Direct Duct Routing Solar Farm Monitoring Systems

DIMENSION CHARACTERISTICS

CONDUCTOR SIZE / STANDARD	NOMINAL OD	CONDUCTOR DC RESISTANCE	VELOCITY OF PROPAGATION
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AWG 25 (Solid 0.455mm Conductor)	5.5 mm	< 12.2 Ω/100m	66%

TECHNICAL DATA & APPROVALS

Materials & Physical Properties	
Conductor	23 AWG (0.57 mm) Solid Bare C...
Insulation	High-Density Polyethylene (HD...
Shielding	U/UTP (Unshielded)
Jacket	UV-Resistant PE Black
Bend Radius (Fixed)	4 x OD
Temp Range	-20°C to +70°C
Outer Diameter	6.2 mm

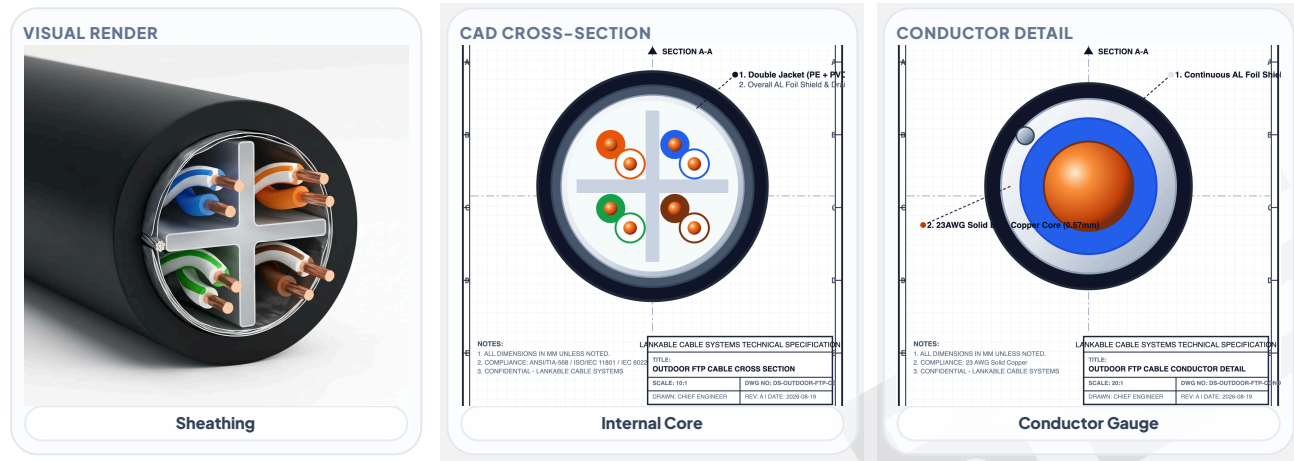
Electrical Parameters & Compliance	
Bandwidth	250 MHz
Impedance	100 ± 15 Ω
DC Resistance	< 7.30 Ω/100m @ 20°C
Velocity of Prop	69%
Standards	ANSI/TIA-568-C.2, ISO/IEC 11...
Flame Retardancy	IEC 60332-1-2 / UL 1581 VW-1
Environmental	RoHS Compliant

OUTDOOR CABLES

OUTDOOR FTP CABLE

Foil shielded outdoor Category 6 cable. Keeps signals clean and isolates noise in high-power substation towers, cellular towers, and outdoor arrays.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ 23 AWG solid copper conductors
- ✓ Continuous aluminum foil shield wrap with drain wire
- ✓ UV-proof, black HDPE outer jacket
- ✓ Water-blocking dry core tape
- ✓ MOQ: 2,000 Meters minimum

APPLICATIONS

- Cellular Base Stations
- Wireless Access Points on Towers
- Substation Automation
- High-EMI Outdoor Environments

DIMENSION CHARACTERISTICS

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AWG 25 (Solid 0.455mm Conductor)	5.5 mm	< 12.2 Ω/100m	66%

TECHNICAL DATA & APPROVALS

MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	23 AWG (0.57 mm) Solid Bare C...	Bandwidth	250 MHz
Insulation	High-Density Polyethylene (HD...	Impedance	100 ± 15 Ω
Shielding	F/UTP Foil Shielded	DC Resistance	< 7.30 Ω/100m @ 20 °C
Jacket	UV-Resistant PE Black	Velocity of Prop	69%
Bend Radius (Fixed)	4 x OD	Standards	ANSI/TIA-568-C.2, ISO/IEC 11...
Temp Range	-20°C to +70°C	Flame Retardancy	IEC 60332-1-2 / UL 1581 VW-1
Outer Diameter	6.8 mm	Environmental	RoHS Compliant

OUTDOOR CABLES

OUTDOOR SSFTP CABLE

Double-shielded, heavy-duty outdoor Cat 6A SFTP cable. Features individual foil-screened pairs and an overall tinned copper braid for high-throughput networks.

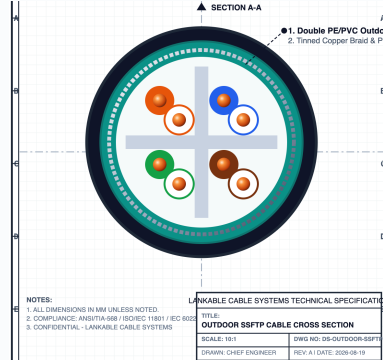
PRODUCT BUILD UP (SCHEMATICS)

VISUAL RENDER



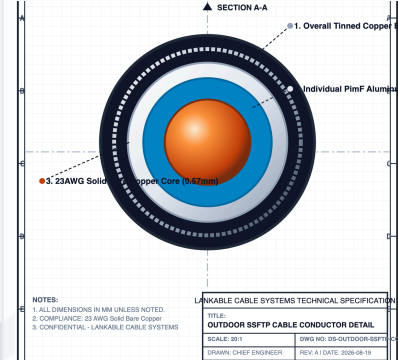
Sheathing

CAD CROSS-SECTION



Internal Core

CONDUCTOR DETAIL



Conductor Gauge

PRODUCT FEATURES

- ✓ 23 AWG solid bare copper
- ✓ Individual foil shield on pairs + overall copper braid
- ✓ Double HDPE black outer jacket for weathering
- ✓ Water-blocking dry core wrapping
- ✓ MOQ: 2,000 Meters minimum

APPLICATIONS

- High-speed Outdoor Links Military Mobile Tactical Units
- Wind Turbine Generator Networks Railway Signal Lines

DIMENSION CHARACTERISTICS

CONDUCTOR SIZE / STANDARD	NOMINAL OD	CONDUCTOR DC RESISTANCE	VELOCITY OF PROPAGATION
AWG 23 (Solid 0.57mm Conductor - Rec.)	6.2 mm	< 7.30 Ω/100m	69%
AWG 24 (Solid 0.51mm Conductor)	5.8 mm	< 9.38 Ω/100m	67%
AWG 25 (Solid 0.455mm Conductor)	5.5 mm	< 12.2 Ω/100m	66%

TECHNICAL DATA & APPROVALS

MATERIALS & PHYSICAL PROPERTIES

Conductor	23 AWG (0.57 mm) Solid Bare C...
Insulation	High-Density Polyethylene (HD...
Shielding	S/FTP (Braid screen + foil pairs)
Jacket	UV-Resistant PE Black
Bend Radius (Fixed)	4 x OD
Temp Range	-20°C to +70°C
Outer Diameter	6.8 mm

ELECTRICAL PARAMETERS & COMPLIANCE

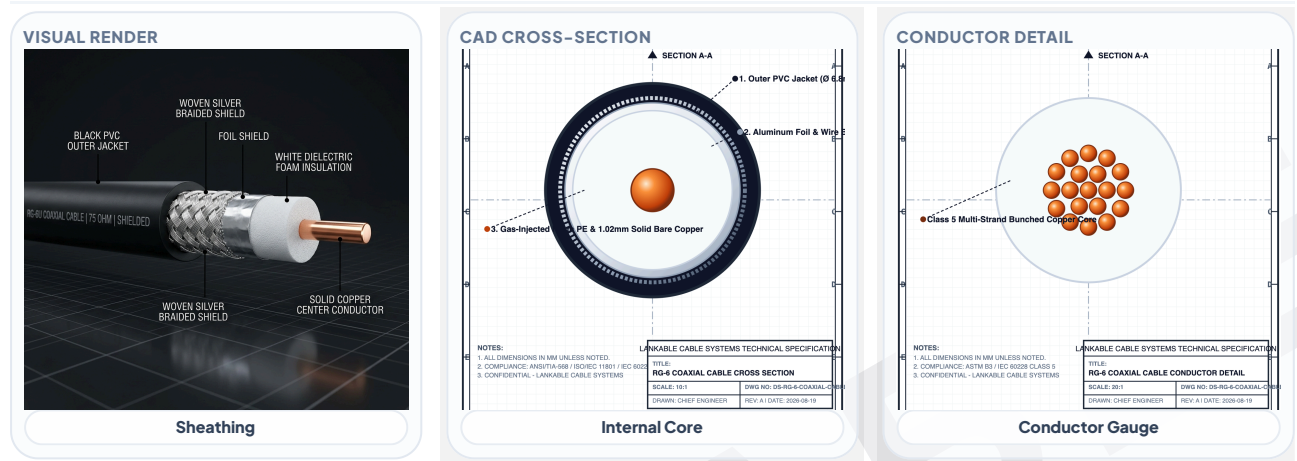
Bandwidth	250 MHz
Impedance	100 ± 15 Ω
DC Resistance	< 7.30 Ω/100m @ 20°C
Velocity of Prop	69%
Standards	ANSI/TIA-568-C.2, ISO/IEC 11...
Flame Retardancy	IEC 60332-1-2 / UL 1581 VW-1
Environmental	RoHS Compliant

COAXIAL CABLE

RG-6 COAXIAL CABLE

RG-6 coaxial cable for television, satellite, CCTV and broadband distribution. Construction options are selected against the required impedance, shielding and installation environment.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Coaxial construction: centre conductor, dielectric, ...
- ✓ Solid copper conductor option available for specifi...
- ✓ Shielding and jacket construction selected against ...
- ✓ PVC jacket standard option; custom construction s...

APPLICATIONS

- Television distribution
- Satellite installations
- CCTV systems
- Broadband distribution

DIMENSION CHARACTERISTICS

CONDUCTOR SIZE / STANDARD	NOMINAL OD	CONDUCTOR DC RESISTANCE	VELOCITY OF PROPAGATION
AWG 23 (Solid 0.57mm Conductor - Rec.)	6.2 mm	< 7.30 Ω/100m	69%
AWG 24 (Solid 0.51mm Conductor)	5.8 mm	< 9.38 Ω/100m	67%
AWG 25 (Solid 0.455mm Conductor)	5.5 mm	< 12.2 Ω/100m	66%

TECHNICAL DATA & APPROVALS

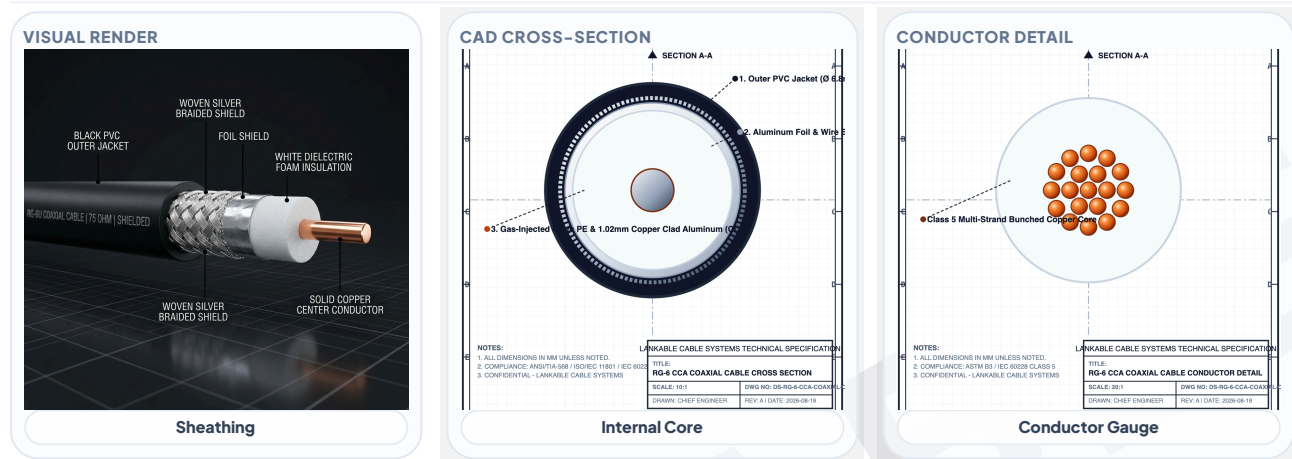
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	24 AWG (0.51 mm) Solid Bare C...	Bandwidth	100 MHz
Insulation	High-Density Polyethylene (HD...	Impedance	100 ± 15 Ω
Shielding	U/UTP (Unshielded)	DC Resistance	< 9.38 Ω/100m @ 20 °C
Jacket	Flame-Retardant PVC Grey	Velocity of Prop	67%
Bend Radius (Fixed)	4 x OD	Standards	ANSI/TIA-568-C.2, ISO/IEC 11...
Temp Range	-20 °C to +70 °C	Flame Retardancy	IEC 60332-1-2 / UL 1581 VW-1
Outer Diameter	5.4 mm	Environmental	RoHS Compliant

COAXIAL CABLE - CCA

RG-6 CCA COAXIAL CABLE

RG-6 coaxial cable with a Copper Clad Aluminium (CCA) centre conductor option for selected cost-sensitive applications. CCA is clearly identified so it is not confused with solid copper construction.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Copper Clad Aluminium (CCA) centre conductor
- ✓ Cost-effective option for selected applications
- ✓ Copper and CCA have different resistance and con...
- ✓ Shielding and jacket construction selected against ...

APPLICATIONS

- Television distribution
- Satellite installations
- Selected CCTV systems
- Cost-sensitive distribution projects

DIMENSION CHARACTERISTICS

CONDUCTOR SIZE / STANDARD	NOMINAL OD	CONDUCTOR DC RESISTANCE	VELOCITY OF PROPAGATION
AWG 23 (Solid 0.57mm Conductor - Rec.)	6.2 mm	< 7.30 Ω/100m	69%
AWG 24 (Solid 0.51mm Conductor)	5.8 mm	< 9.38 Ω/100m	67%
AWG 25 (Solid 0.455mm Conductor)	5.5 mm	< 12.2 Ω/100m	66%

TECHNICAL DATA & APPROVALS

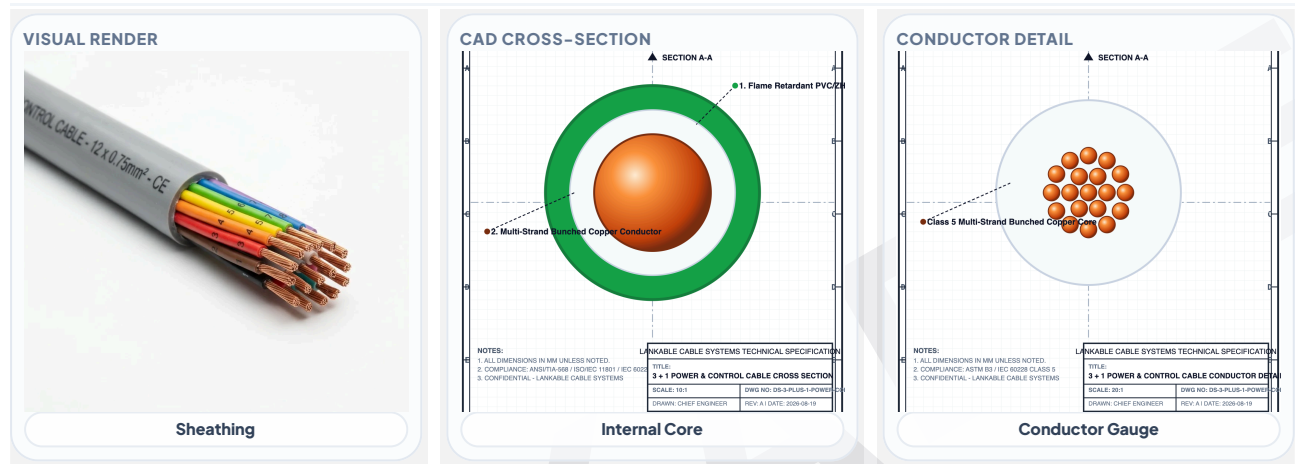
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	24 AWG (0.51 mm) Solid Bare C...	Bandwidth	100 MHz
Insulation	High-Density Polyethylene (HD...	Impedance	100 ± 15 Ω
Shielding	U/UTP (Unshielded)	DC Resistance	< 9.38 Ω/100m @ 20 °C
Jacket	Flame-Retardant PVC Grey	Velocity of Prop	67%
Bend Radius (Fixed)	4 x OD	Standards	ANSI/TIA-568-C.2, ISO/IEC 11...
Temp Range	-20 °C to +70 °C	Flame Retardancy	IEC 60332-1-2 / UL 1581 VW-1
Outer Diameter	5.4 mm	Environmental	RoHS Compliant

MULTICORE POWER CABLE

3 + 1 POWER & CONTROL CABLE

A 3 + 1 construction contains three primary power cores and one additional core. The additional core can be specified as an earth, neutral or control core according to the approved cable design.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Three primary cores plus one additional specified c...
- ✓ Copper or aluminium conductor options subject to ...
- ✓ PVC insulation and sheath standard option
- ✓ Core size, identification and construction confirme...

APPLICATIONS

- Power distribution
- Equipment and machine connections
- Control and auxiliary circuits
- Project-specific installations

TECHNICAL DATA & APPROVALS

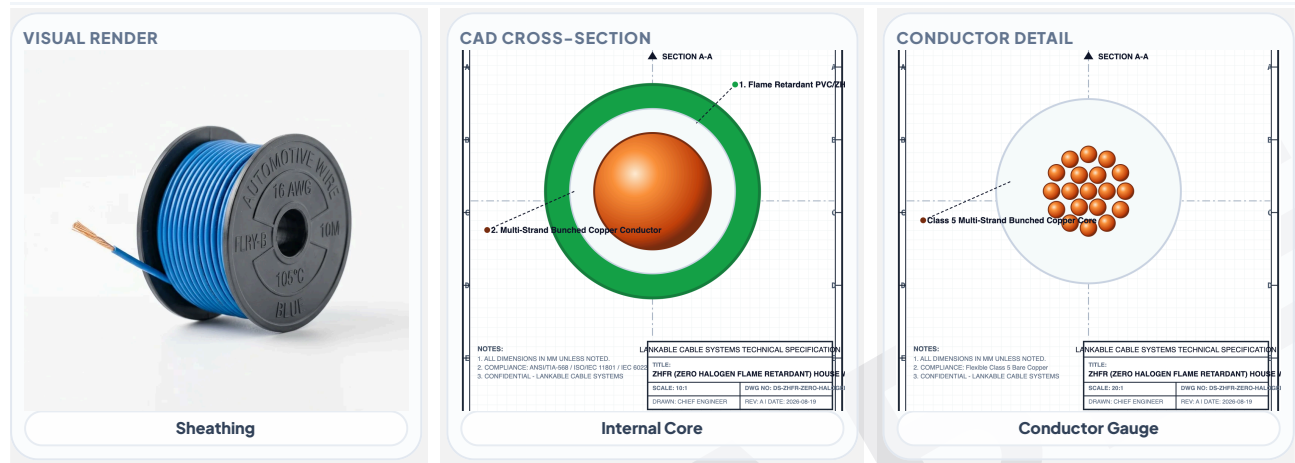
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	Class 2 Stranded Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		

HOUSE WIRES

ZHFR (ZERO HALOGEN FLAME RETARDANT) HOUSE WIRES

High-conductivity PVC insulated wire designed for residential and commercial housing electrification. Manufactured with 99.97% pure electrolytic grade copper to ensure minimal power loss and safety.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ High dielectric insulation strength
- ✓ Corrosion-resistant copper/aluminum conductors
- ✓ Self-extinguishing, flame-retardant outer sheathing
- ✓ Designed to carry high current loads with minimum ...

APPLICATIONS

- Residential building electrification
Heavy machine electricity feeds
Power sub-station grids
Outdoor streetlighting grids

DIMENSION CHARACTERISTICS

NOMINAL AREA (SQ MM)	CONDUCTOR LAYOUT	CURRENT RATING (IN CONDUIT)	MAX DC RESISTANCE @ 20 °C
1.5 sq mm	22 Strands x 0.3 mm	15 Amps	12.1 Ω/km
2.5 sq mm (Recommended)	36 Strands x 0.3 mm	20 Amps	7.41 Ω/km
4.0 sq mm	56 Strands x 0.3 mm	26 Amps	4.95 Ω/km

TECHNICAL DATA & APPROVALS

Materials & Physical Properties	
Conductor Metallurgy	Class 5 Flexible Bare Copper
Insulation	ZHFR
Flame Retardant	Low Smoke Halogen Free
Bend Radius (Fixed)	6 x OD
Toxicity Index	Halogen Gas < 0.5%
Oxygen Index	> 29%

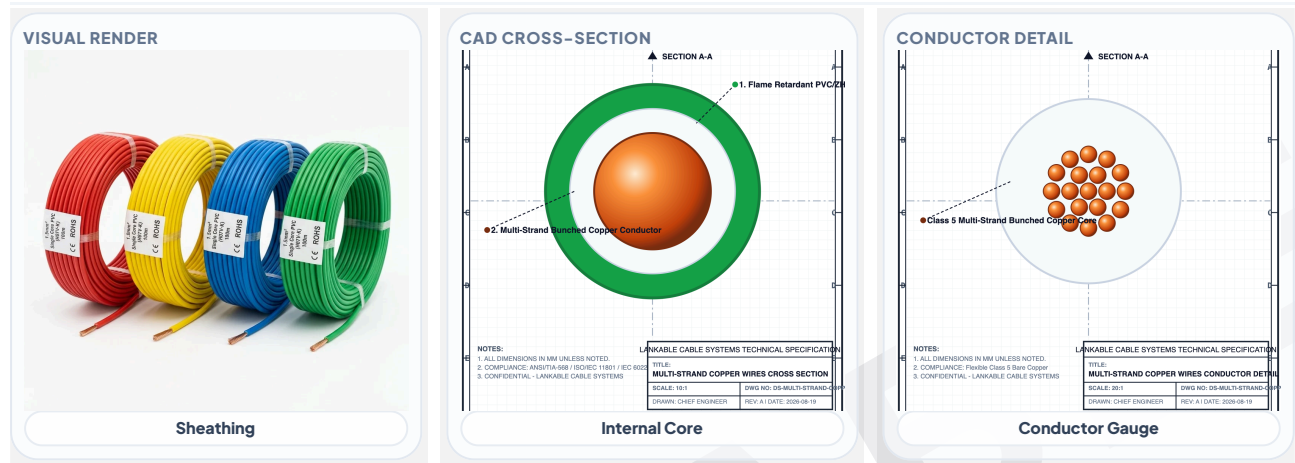
Electrical Parameters & Compliance	
Voltage Rating	1100 V (1.1 kV)
Test Voltage	3000 V AC
Max Operating Temp	70°C
National Standard	IS 694:2010 (Quality Assured)
Flame Standards	IEC 60332-1
Certifications	CE, RoHS, ISO 9001

HOUSE WIRES

MULTI-STRAND COPPER WIRES

High-conductivity PVC insulated wire designed for residential and commercial housing electrification. Manufactured with 99.97% pure electrolytic grade copper to ensure minimal power loss and safety.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ High dielectric insulation strength
- ✓ Corrosion-resistant copper/aluminum conductors
- ✓ Self-extinguishing, flame-retardant outer sheathing
- ✓ Designed to carry high current loads with minimum ...

APPLICATIONS

- Residential building electrification
- Power sub-station grids
- Heavy machine electricity feeds
- Outdoor streetlighting grids

DIMENSION CHARACTERISTICS

NOMINAL AREA (SQ MM)	CONDUCTOR LAYOUT	CURRENT RATING (IN CONDUIT)	MAX DC RESISTANCE @ 20 °C
1.5 sq mm	22 Strands x 0.3 mm	15 Amps	12.1 Ω/km
2.5 sq mm (Recommended)	36 Strands x 0.3 mm	20 Amps	7.41 Ω/km
4.0 sq mm	56 Strands x 0.3 mm	26 Amps	4.95 Ω/km

TECHNICAL DATA & APPROVALS

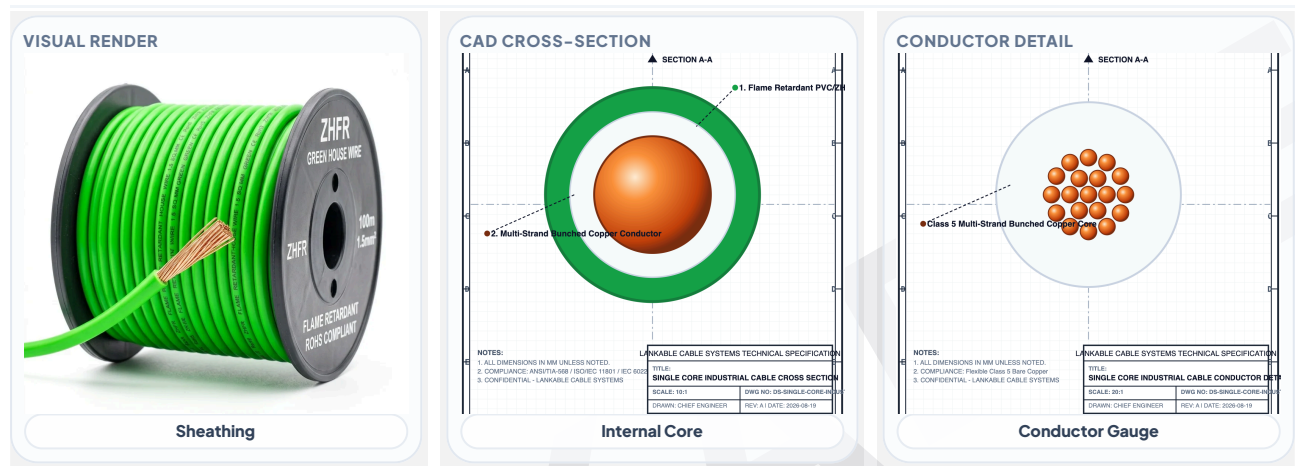
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor Metallurgy	Class 5 Flexible Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	FR-PVC	Test Voltage	3000 V AC
Flame Retardant	FR Grade	Max Operating Temp	70 °C
Bend Radius (Fixed)	6 x OD	National Standard	IS 694:2010 (Quality Assured)
Toxicity Index	N/A	Flame Standards	IEC 60332-1
Oxygen Index	> 21%	Certifications	CE, RoHS, ISO 9001

HOUSE WIRES

SINGLE CORE INDUSTRIAL CABLE

High-conductivity PVC insulated wire designed for residential and commercial housing electrification. Manufactured with 99.97% pure electrolytic grade copper to ensure minimal power loss and safety.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ High dielectric insulation strength
- ✓ Corrosion-resistant copper/aluminum conductors
- ✓ Self-extinguishing, flame-retardant outer sheathing
- ✓ Designed to carry high current loads with minimum ...

APPLICATIONS

- Residential building electrification
- Power sub-station grids
- Heavy machine electricity feeds
- Outdoor streetlighting grids

TECHNICAL DATA & APPROVALS

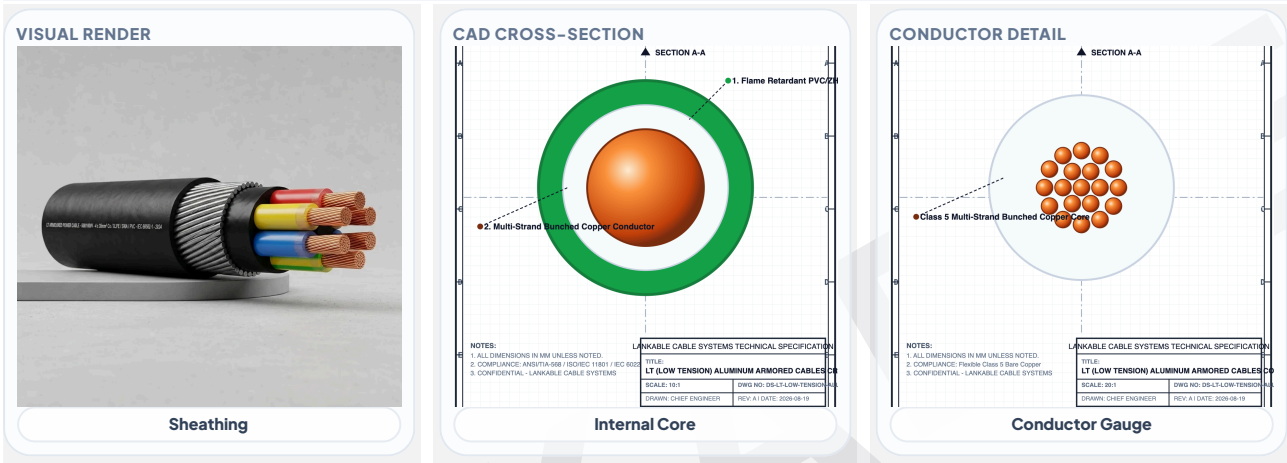
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	Class 2 Stranded Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		

ARMORED CABLES

LT (LOW TENSION) ALUMINUM ARMORED CABLES

Low tension armored power and control cable designed for heavy industrial installations, direct underground burial, and outdoor electrical networks. Corrugated steel/aluminum wire armouring provides superior crush and mechanical protection.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ High dielectric insulation strength
- ✓ Corrosion-resistant copper/aluminum conductors
- ✓ Self-extinguishing, flame-retardant outer sheathing
- ✓ Designed to carry high current loads with minimum ...

APPLICATIONS

- Residential building electrification
- Power sub-station grids
- Heavy machine electricity feeds
- Outdoor streetlighting grids

TECHNICAL DATA & APPROVALS

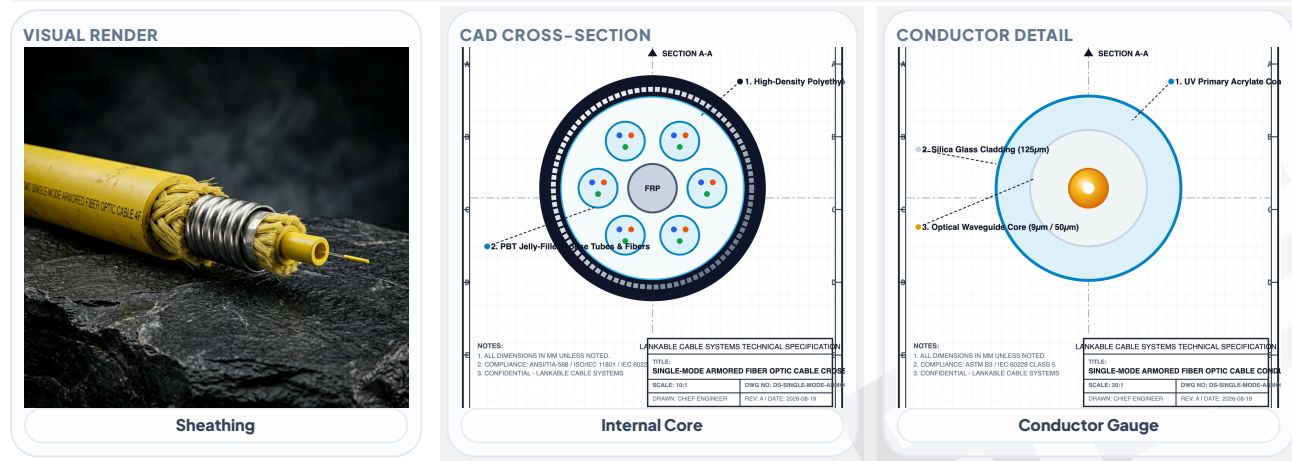
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	Class 2 Stranded Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		

ARMORED FIBER

SINGLE-MODE ARMORED FIBER OPTIC CABLE

High-core count G.652.D single-mode fiber optic cable encased in corrugated steel tape armor and double PE jacket for direct burial and harsh outdoor conditions.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Corrugated steel tape (CST) armoring for rodent & c...
- ✓ Water-blocking gel-filled central tube layout
- ✓ Low attenuation OS2 single-mode optical core
- ✓ UV and moisture resistant dual high-density polyeth...
- ✓ MOQ: 1,000 Meters minimum

APPLICATIONS

- Direct Burial ISP Networks
- Inter-Building Campus Backbones
- Metropolitan Optical Rings
- Industrial Field Telemetry

DIMENSION CHARACTERISTICS

FIBER COUNT	NOMINAL OD	NOMINAL WEIGHT	MAX TENSILE LOAD
6 Core	8.2 mm	75 kg/km	1500 N
12 Core (Recommended)	8.5 mm	82 kg/km	1500 N
24 Core	9.2 mm	95 kg/km	1500 N

TECHNICAL DATA & APPROVALS

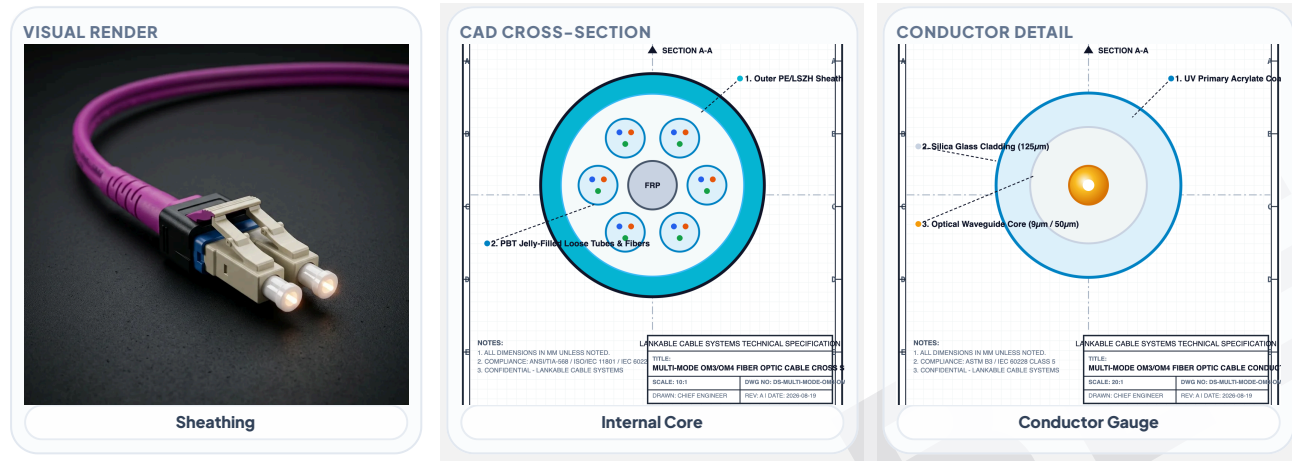
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Fiber Type	Single-Mode G.652.D / G.657.A1	Attenuation @ 1310nm	≤ 0.36 dB/km (SM)
Strength Member	FRP Strength Member + Steel ...	Attenuation @ 1550nm	≤ 0.22 dB/km (SM)
Armouring	Corrugated Steel Tape Armour	Attenuation @ 850nm	≤ 3.0 dB/km (MM)
Outer Jacket	LSZH (Low Smoke Zero Haloge...	Core/Cladding OD	9.2 / 125.0 ± 1.0 µm (SM) or 50. ...
Bending Radius (Fixed)	10 x Cable OD	ITU Standards	ITU-T G.652.D / G.657.A1 or ITU...
Bending Radius (Dynamic)	20 x Cable OD	Test Standards	IEC 60793, IEC 60794-1-2
Crush Resistance	1000 N/100mm	Flame Rating	IEC 60332-1 / UL 1666 (OFNR)
Tensile Strength (ST)	1500 N	Environmental	RoHS & REACH Compliant

MULTI-MODE FIBER

MULTI-MODE OM3/OM4 FIBER OPTIC CABLE

Laser-optimized 50/125µm OM3/OM4 multi-mode fiber cable designed for 10G, 40G, and 100G high-density data center backbone backbones.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ 50/125µm laser-optimized multi-mode fiber (OM3/...
- ✓ Low Smoke Zero Halogen (LSZH) flame retardant sh...
- ✓ Supports 40G and 100G Ethernet up to 150m
- ✓ High-density multi-tube compact construction
- ✓ MOQ: 1,000 Meters minimum

APPLICATIONS

- Datacenter SAN & Server Cabinets
- Enterprise High-Speed Backbones
- 10G/40G Switch Aggregation
- Hyperscale Cloud Architecture

DIMENSION CHARACTERISTICS

FIBER COUNT	NOMINAL OD	NOMINAL WEIGHT	MAX TENSILE LOAD
6 Core	5.8 mm	28 kg/km	600 N
12 Core (Recommended)	6.2 mm	32 kg/km	600 N
24 Core	7.0 mm	40 kg/km	600 N

TECHNICAL DATA & APPROVALS

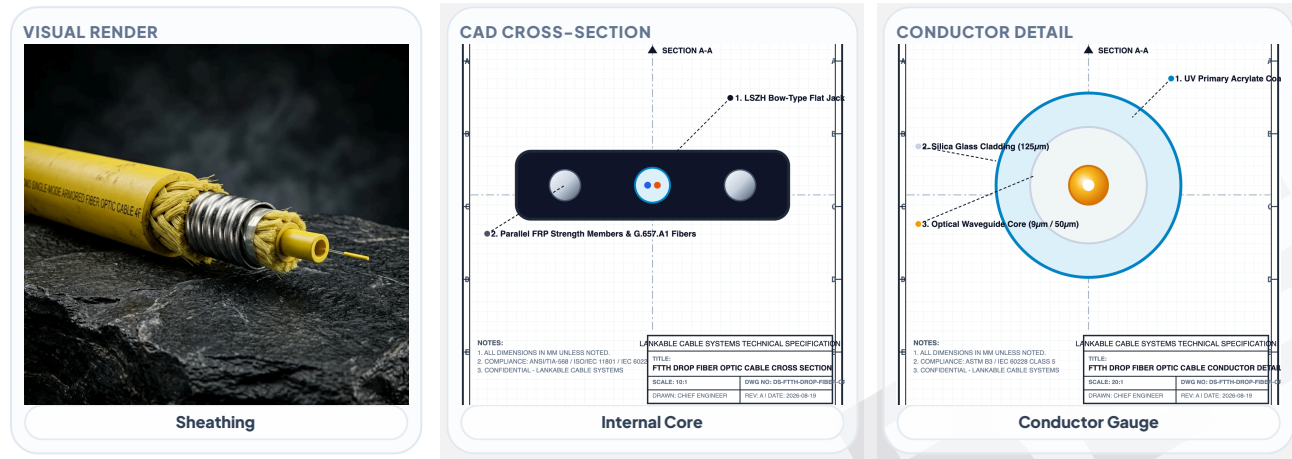
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Fiber Type	Multi-Mode OM3/OM4 (50/12...	Attenuation @ 1310nm	≤ 0.36 dB/km (SM)
Strength Member	Aramid Yarn (Kevlar) / FRP	Attenuation @ 1550nm	≤ 0.22 dB/km (SM)
Armouring	None (All-Dielectric)	Attenuation @ 850nm	≤ 3.0 dB/km (MM)
Outer Jacket	LSZH (Low Smoke Zero Haloge...	Core/Cladding OD	9.2 / 125.0 ± 1.0 µm (SM) or 50. ...
Bending Radius (Fixed)	10 x Cable OD	ITU Standards	ITU-T G.652.D / G.657.A1 or ITU...
Bending Radius (Dynamic)	20 x Cable OD	Test Standards	IEC 60793, IEC 60794-1-2
Crush Resistance	300 N/100mm	Flame Rating	IEC 60332-1 / UL 1666 (OFNR)
Tensile Strength (ST)	600 N	Environmental	RoHS & REACH Compliant

FTTH FIBER

FTTH DROP FIBER OPTIC CABLE

Bow-type 1-4 core FTTH drop cable with FRP strength members and LSZH sheath, engineered for last-mile residential broadband connections.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Bend-insensitive G.657.A1/A2 single-mode optical ...
- ✓ Dual parallel FRP (Fiber Reinforced Plastic) strength ...
- ✓ Low Smoke Zero Halogen (LSZH) flame retardant ja...
- ✓ Compact 2x3mm flat bow construction for indoor/...
- ✓ MOQ: 1,000 Meters minimum

APPLICATIONS

- FTTH Last-Mile Broadband Drops
- Indoor Riser & Wall Conduit Runs
- Customer Premise Terminal Boxes
- Residential Fiber Access

DIMENSION CHARACTERISTICS

FIBER COUNT	CABLE DIMENSIONS	NOMINAL WEIGHT	MAX TENSILE LOAD
1 Core (Standard)	2.0 mm x 3.0 mm	8.5 kg/km	80 N
2 Core (Recommended)	2.0 mm x 3.0 mm	9.0 kg/km	80 N
4 Core	2.0 mm x 3.0 mm	10.2 kg/km	80 N

TECHNICAL DATA & APPROVALS

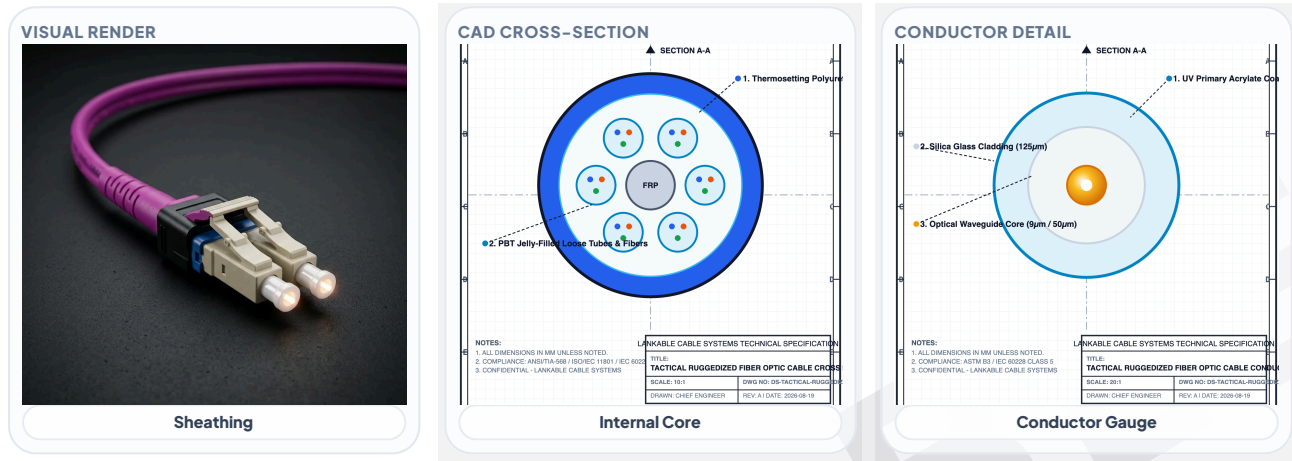
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Fiber Type	Single-Mode G.652.D / G.657.A1	Attenuation @ 1310nm	≤ 0.36 dB/km (SM)
Strength Member	FRP (Fiber Reinforced Plastic) / ...	Attenuation @ 1550nm	≤ 0.22 dB/km (SM)
Armouring	None (All-Dielectric)	Attenuation @ 850nm	≤ 3.0 dB/km (MM)
Outer Jacket	LSZH (Low Smoke Zero Haloge...	Core/Cladding OD	9.2 / 125.0 ± 1.0 µm (SM) or 50. ...
Bending Radius (Fixed)	10 x Cable OD	ITU Standards	ITU-T G.652.D / G.657.A1 or ITU...
Bending Radius (Dynamic)	20 x Cable OD	Test Standards	IEC 60793, IEC 60794-1-2
Crush Resistance	500 N/100mm	Flame Rating	IEC 60332-1 / UL 1666 (OFNR)
Tensile Strength (ST)	80 N	Environmental	RoHS & REACH Compliant

TACTICAL FIBER

TACTICAL RUGGEDIZED FIBER OPTIC CABLE

Military-grade, crush-proof polyurethane jacketed fiber optic cable built for temporary field deployment, broadcast vans, and defence links.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Abrasion and chemical resistant polyurethane outer...
- ✓ High-tensile aramid yarn strength member core
- ✓ Flexible tight-buffered fiber construction
- ✓ Repeated deploy and retrieve capability for field br...
- ✓ MOQ: 1,000 Meters minimum

APPLICATIONS

- Military Field Telecommunications
- Outdoor Broadcast OB Vans
- Mining & Industrial Mobile Links
- Rapid-Deployment Emergency Communications

DIMENSION CHARACTERISTICS

FIBER COUNT	NOMINAL OD	NOMINAL WEIGHT	MAX TENSILE LOAD
6 Core	5.8 mm	28 kg/km	600 N
12 Core (Recommended)	6.2 mm	32 kg/km	600 N
24 Core	7.0 mm	40 kg/km	600 N

TECHNICAL DATA & APPROVALS

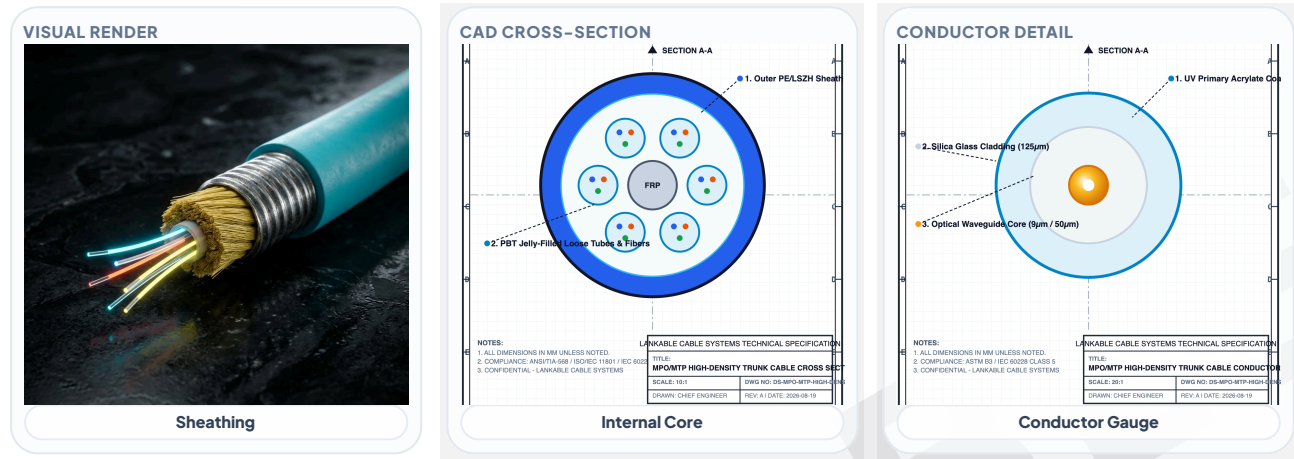
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Fiber Type	Single-Mode G.652.D / G.657.A1	Attenuation @ 1310nm	≤ 0.36 dB/km (SM)
Strength Member	Aramid Yarn (Kevlar) / FRP	Attenuation @ 1550nm	≤ 0.22 dB/km (SM)
Armouring	None (All-Dielectric)	Attenuation @ 850nm	≤ 3.0 dB/km (MM)
Outer Jacket	LSZH (Low Smoke Zero Haloge...	Core/Cladding OD	9.2 / 125.0 ± 1.0 µm (SM) or 50. ...
Bending Radius (Fixed)	10 x Cable OD	ITU Standards	ITU-T G.652.D / G.657.A1 or ITU...
Bending Radius (Dynamic)	20 x Cable OD	Test Standards	IEC 60793, IEC 60794-1-2
Crush Resistance	300 N/100mm	Flame Rating	IEC 60332-1 / UL 1666 (OFNR)
Tensile Strength (ST)	600 N	Environmental	RoHS & REACH Compliant

HIGH-DENSITY FIBER

MPO/MTP HIGH-DENSITY TRUNK CABLE

Pre-terminated 12/24/48-fiber MPO/MTP assembly for ultra-high-density SAN/LAN patching and 400G datacenter switch interconnects.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Pre-terminated US Conec MTP/MPO connectors
- ✓ Micro-cable round jacket construction for reduced ...
- ✓ Factory tested for ultra-low insertion loss (< 0.25 dB)
- ✓ OFNP Plenum / LSZH fire rated jacket
- ✓ MOQ: 1,000 Meters minimum

APPLICATIONS

- Datacenter 40G/100G/400G Fabric
- High-Density Fiber Patch Panels
- Core Switch Interconnects
- Cloud Infrastructure Racks

DIMENSION CHARACTERISTICS

FIBER COUNT	NOMINAL OD	NOMINAL WEIGHT	MAX TENSILE LOAD
6 Core	5.8 mm	28 kg/km	600 N
12 Core (Recommended)	6.2 mm	32 kg/km	600 N
24 Core	7.0 mm	40 kg/km	600 N

TECHNICAL DATA & APPROVALS

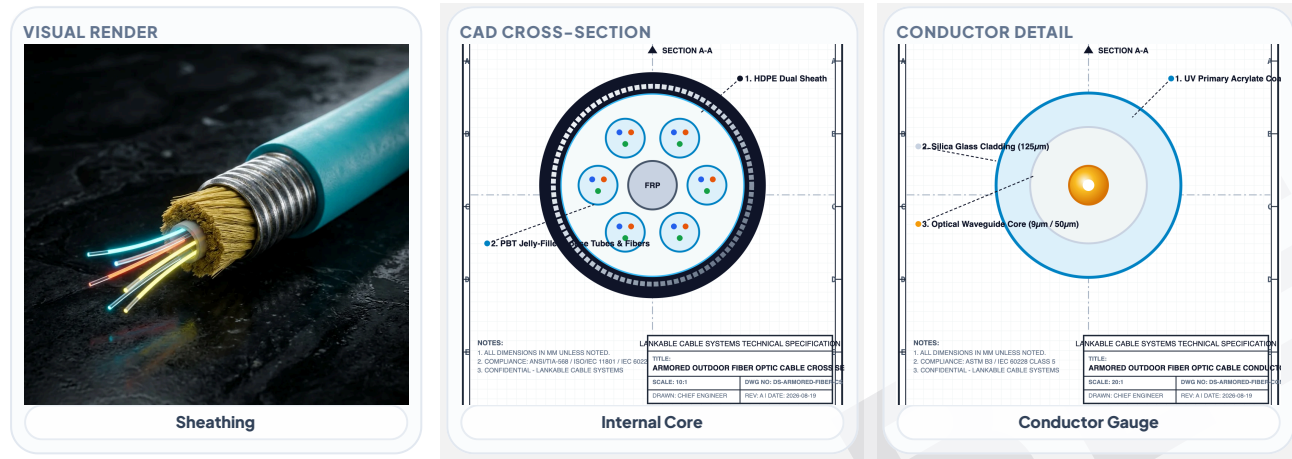
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Fiber Type	Single-Mode G.652.D / G.657.A1	Attenuation @ 1310nm	≤ 0.36 dB/km (SM)
Strength Member	Aramid Yarn (Kevlar) / FRP	Attenuation @ 1550nm	≤ 0.22 dB/km (SM)
Armouring	None (All-Dielectric)	Attenuation @ 850nm	≤ 3.0 dB/km (MM)
Outer Jacket	LSZH (Low Smoke Zero Haloge...	Core/Cladding OD	9.2 / 125.0 ± 1.0 µm (SM) or 50. ...
Bending Radius (Fixed)	10 x Cable OD	ITU Standards	ITU-T G.652.D / G.657.A1 or ITU...
Bending Radius (Dynamic)	20 x Cable OD	Test Standards	IEC 60793, IEC 60794-1-2
Crush Resistance	300 N/100mm	Flame Rating	IEC 60332-1 / UL 1666 (OFNR)
Tensile Strength (ST)	600 N	Environmental	RoHS & REACH Compliant

ARMORED FIBER

ARMORED OUTDOOR FIBER OPTIC CABLE

Double-jacketed steel armored loose tube fiber optic cable designed for campus backbones and direct burial ISP infrastructure.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Double HDPE sheath with steel tape armor layers
- ✓ Gel-filled loose tubes for moisture resistance
- ✓ High tensile steel central strength member
- ✓ Operating range -40°C to +70°C
- ✓ MOQ: 1,000 Meters minimum

APPLICATIONS

- Direct Burial ISP Networks
- Campus Backbone Infrastructure
- Subway & Rail Tunnel Cabling
- Severe Weather Communications

DIMENSION CHARACTERISTICS

FIBER COUNT	NOMINAL OD	NOMINAL WEIGHT	MAX TENSILE LOAD
6 Core	8.2 mm	75 kg/km	1500 N
12 Core (Recommended)	8.5 mm	82 kg/km	1500 N
24 Core	9.2 mm	95 kg/km	1500 N

TECHNICAL DATA & APPROVALS

MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Fiber Type	Single-Mode G.652.D / G.657.A1	Attenuation @ 1310nm	≤ 0.36 dB/km (SM)
Strength Member	FRP Strength Member + Steel ...	Attenuation @ 1550nm	≤ 0.22 dB/km (SM)
Armouring	Corrugated Steel Tape Armour	Attenuation @ 850nm	≤ 3.0 dB/km (MM)
Outer Jacket	LSZH (Low Smoke Zero Haloge...	Core/Cladding OD	9.2 / 125.0 ± 1.0 µm (SM) or 50. ...
Bending Radius (Fixed)	10 x Cable OD	ITU Standards	ITU-T G.652.D / G.657.A1 or ITU...
Bending Radius (Dynamic)	20 x Cable OD	Test Standards	IEC 60793, IEC 60794-1-2
Crush Resistance	1000 N/100mm	Flame Rating	IEC 60332-1 / UL 1666 (OFNR)
Tensile Strength (ST)	1500 N	Environmental	RoHS & REACH Compliant



RENEWABLE UTILITIES

RENEWAL ENERGY INDUSTRIES

UV-stabilized, weather-proof DC solar conductors and high-conductivity grounding lines. Engineered to withstand extreme temperature cycles, mechanical stress, and chemical exposure in utility-scale solar farms and smart grids.

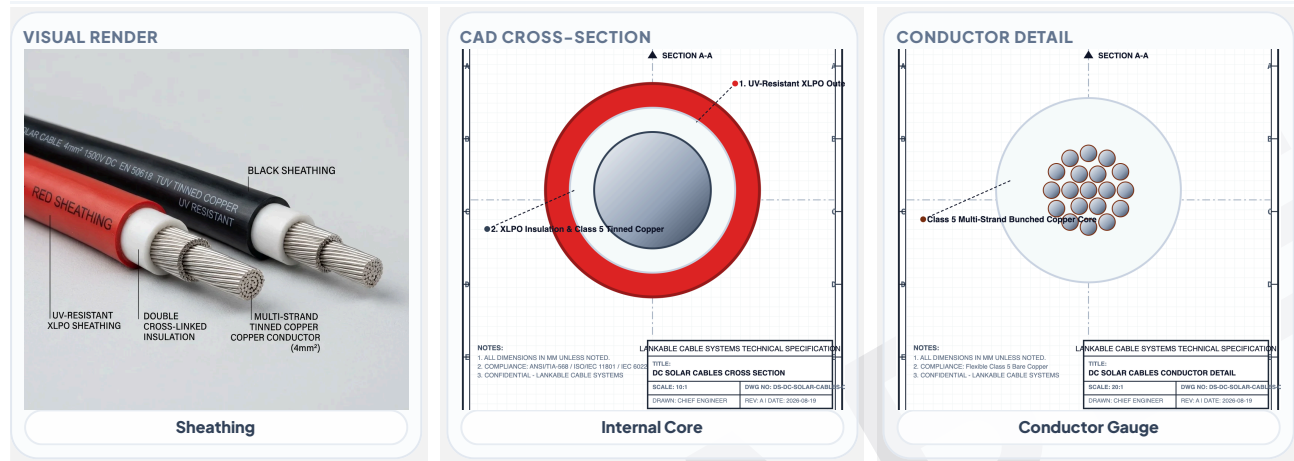
-
- STANDARDS COMPLIANT
 - 100% TESTED

DC SOLAR CABLES

DC SOLAR CABLES

TUV/EN certified DC solar cables engineered for outdoor PV solar panels. Outfitted with cross-linked halogen-free insulation (XLPE) providing 25+ years of UV and weather resistance.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Class 5/6 flexible conductor stranding for dynamic ...
- ✓ Excellent resistance to oils, chemicals, and industria...
- ✓ High shielding coverage for superior noise suppress...
- ✓ Tested for continuity and high-voltage insulation st...

APPLICATIONS

- CNC machine automation panels
- Appliance motor wiring
- Switchboard control instrumentation
- Industrial sensor networks

DIMENSION CHARACTERISTICS

NOMINAL AREA (SQ MM)	CONDUCTOR STRANDS	NOMINAL OUTER DIAMETER	CURRENT CARRYING CAPACITY
4.0 sq mm (Standard)	56 x 0.3 mm Tinned Cu	5.8 mm	55 Amps
6.0 sq mm (Heavy Duty)	84 x 0.3 mm Tinned Cu	6.6 mm	70 Amps

TECHNICAL DATA & APPROVALS

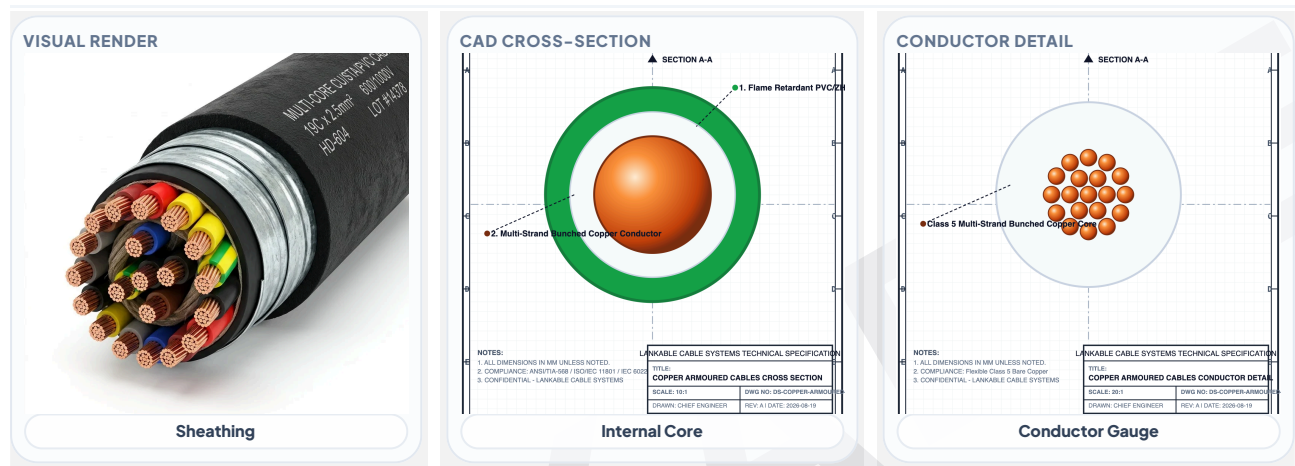
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor Metallurgy	Class 5 Flexible Bare Copper	Voltage Rating	1.8 kV DC
Insulation	XLPE	Test Voltage	3000 V AC
Flame Retardant	FR Grade	Max Operating Temp	90°C
Bend Radius (Fixed)	6 x OD	National Standard	IS 694:2010 (Quality Assured)
Toxicity Index	N/A	Flame Standards	IEC 60332-1
Oxygen Index	> 21%	Certifications	CE, RoHS, ISO 9001

ARMORED CABLES

COPPER ARMoured CABLES

Low tension armored power and control cable designed for heavy industrial installations, direct underground burial, and outdoor electrical networks. Corrugated steel/aluminum wire armouring provides superior crush and mechanical protection.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ High dielectric insulation strength
- ✓ Corrosion-resistant copper/aluminum conductors
- ✓ Self-extinguishing, flame-retardant outer sheathing
- ✓ Designed to carry high current loads with minimum ...

APPLICATIONS

- Residential building electrification
- Power sub-station grids
- Heavy machine electricity feeds
- Outdoor streetlighting grids

TECHNICAL DATA & APPROVALS

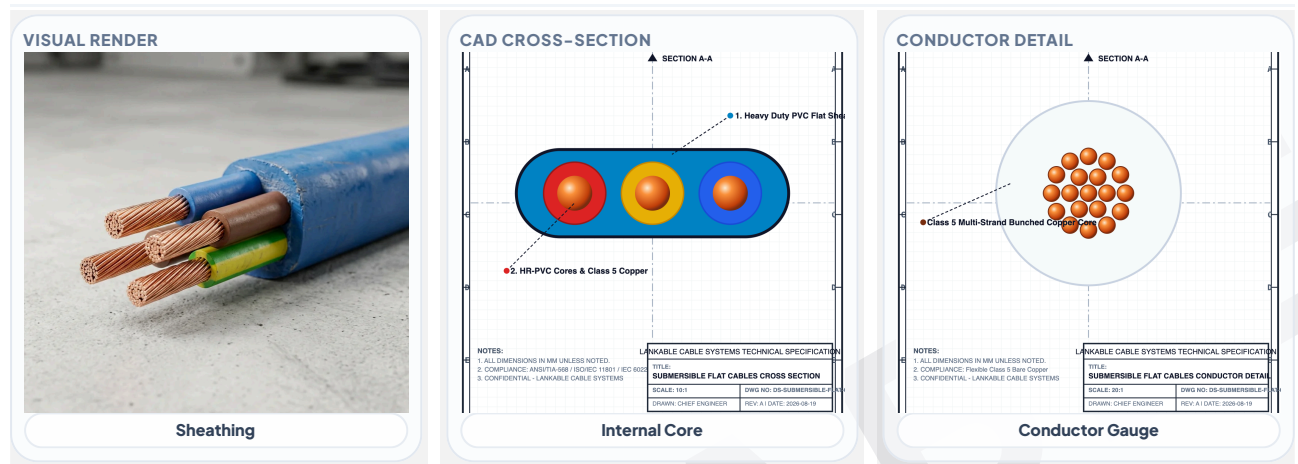
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	Class 2 Stranded Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		

AGRICULTURAL CABLES

SUBMERSIBLE FLAT CABLES

Specialized water-resistant flat cables engineered to connect submersible water pump motors under severe moisture conditions. Features high-quality water-impermeable insulation sheathing.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Class 5/6 flexible conductor stranding for dynamic ...
- ✓ Excellent resistance to oils, chemicals, and industria...
- ✓ High shielding coverage for superior noise suppress...
- ✓ Tested for continuity and high-voltage insulation st...

APPLICATIONS

- CNC machine automation panels
- Appliance motor wiring
- Switchboard control instrumentation
- Industrial sensor networks

DIMENSION CHARACTERISTICS

CORE CONFIGURATION	NOMINAL AREA	CURRENT RATING	NOMINAL OUTER DIMENSIONS
3 Core Flat	1.5 sq mm	16 Amps	5.0 mm x 11.2 mm
3 Core Flat (Recommended)	2.5 sq mm	22 Amps	5.8 mm x 13.0 mm

TECHNICAL DATA & APPROVALS

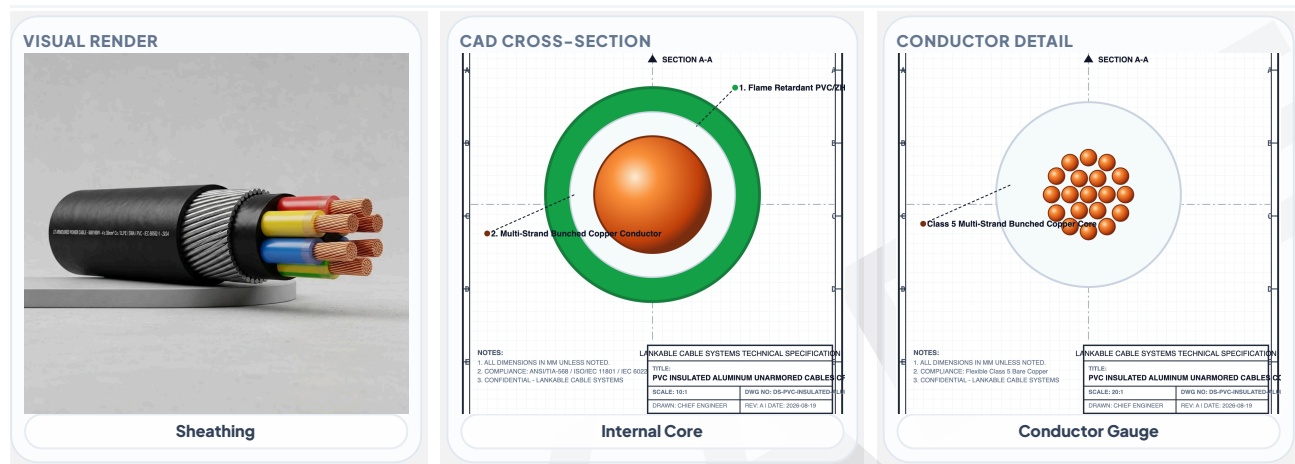
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor Metallurgy	Class 5 Flexible Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	FR-PVC	Test Voltage	3000 V AC
Flame Retardant	FR Grade	Max Operating Temp	70 °C
Bend Radius (Fixed)	6 x OD	National Standard	IS 694:2010 (Quality Assured)
Toxicity Index	N/A	Flame Standards	IEC 60332-1
Oxygen Index	> 21%	Certifications	CE, RoHS, ISO 9001

AGRICULTURAL CABLES

PVC INSULATED ALUMINUM UNARMORED CABLES

Specialized water-resistant flat cables engineered to connect submersible water pump motors under severe moisture conditions. Features high-quality water-impermeable insulation sheathing.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Class 5/6 flexible conductor stranding for dynamic ...
- ✓ Excellent resistance to oils, chemicals, and industria...
- ✓ High shielding coverage for superior noise suppress...
- ✓ Tested for continuity and high-voltage insulation st...

APPLICATIONS

- CNC machine automation panels Appliance motor wiring
- Switchboard control instrumentation Industrial sensor networks

TECHNICAL DATA & APPROVALS

Materials & Physical Properties	
Conductor	Class 2 Stranded Bare Copper
Insulation	PVC / XLPE Insulation
Outer Sheath	FR-PVC (Flame Retardant PVC)
Bend Radius (Fixed)	12 x OD
Flame Retardancy	IEC 60332-1-2

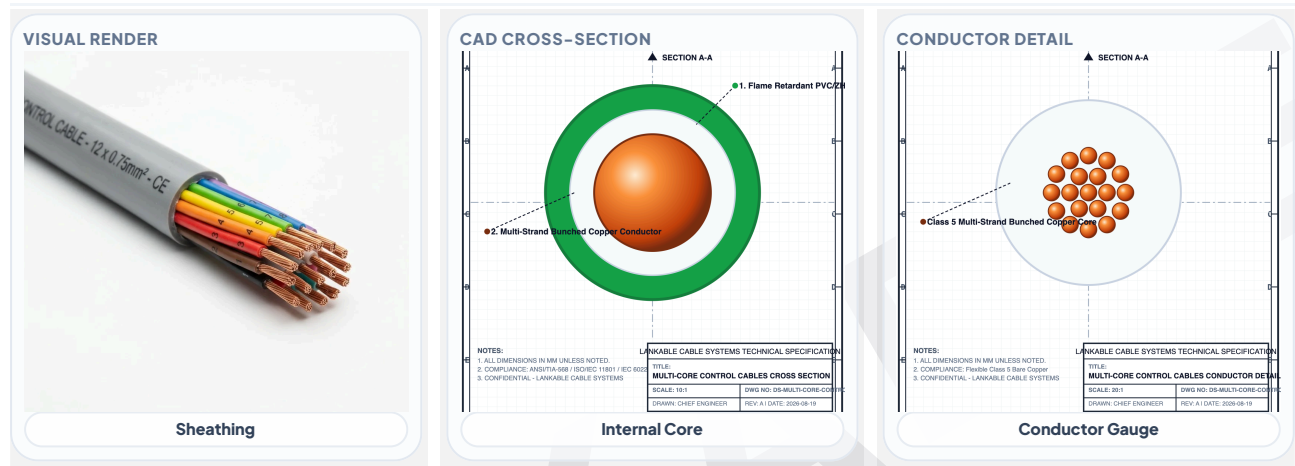
Electrical Parameters & Compliance	
Voltage Rating	1100 V (1.1kV)
Test Voltage	3000 V AC
Standards	IS 1554 (Part-1), IEC 60502-1
Certifications	CE, RoHS Compliant, ISO 9001

CONTROL & INSTRUMENTATION CABLES

MULTI-CORE CONTROL CABLES

Multi-core copper control cables designed for signal transmission in automated CNC stations, switchgear instrumentation panels, and control panels. Equipped with high-density shielding to minimize crosstalk.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Class 5/6 flexible conductor stranding for dynamic ...
- ✓ Excellent resistance to oils, chemicals, and industria...
- ✓ High shielding coverage for superior noise suppress...
- ✓ Tested for continuity and high-voltage insulation st...

APPLICATIONS

- CNC machine automation panels
- Appliance motor wiring
- Switchboard control instrumentation
- Industrial sensor networks

TECHNICAL DATA & APPROVALS

MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	Class 2 Stranded Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		

SAFE INFRASTRUCTURE**REAL ESTATE INDUSTRY**

Zero-halogen flame-retardant (ZHFR) building wires, low-tension power runs, and flexible multi-strand wires. Engineered for maximum safety, thermal overload resistance, and long-term durability in high-rise residential and commercial complexes.

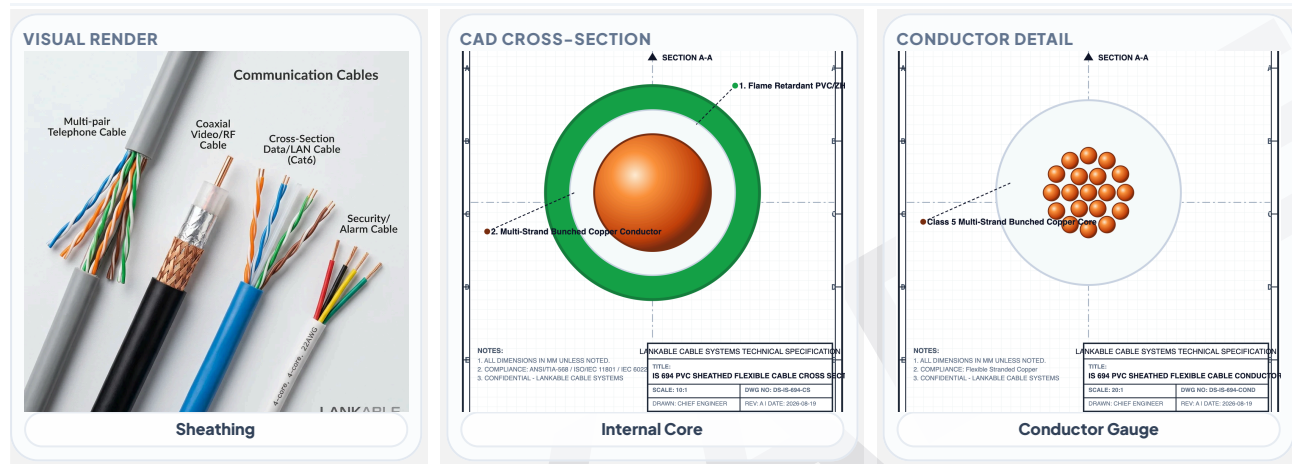
- STANDARDS COMPLIANT
- 100% TESTED

APPLIANCE WIRING MATERIALS

IS 694 PVC SHEATHED FLEXIBLE CABLE

Flexible copper conductor, PVC insulated single-core building wire manufactured to Indian Standard IS 694, for domestic and light commercial wiring installations across the full range of standard conductor sizes.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Flexible stranded copper conductor per IS 694
- ✓ REACH-compliant and RoHS lead-free PVC insulation
- ✓ Supports broad wire size range from 0.5 to 95 sqmm
- ✓ Designed for switchboards, distributors, and light c...

APPLICATIONS

- Domestic house wiring & light commercial installations
- Distribution board & switchboard wiring
- General-purpose indoor circuits

TECHNICAL DATA & APPROVALS

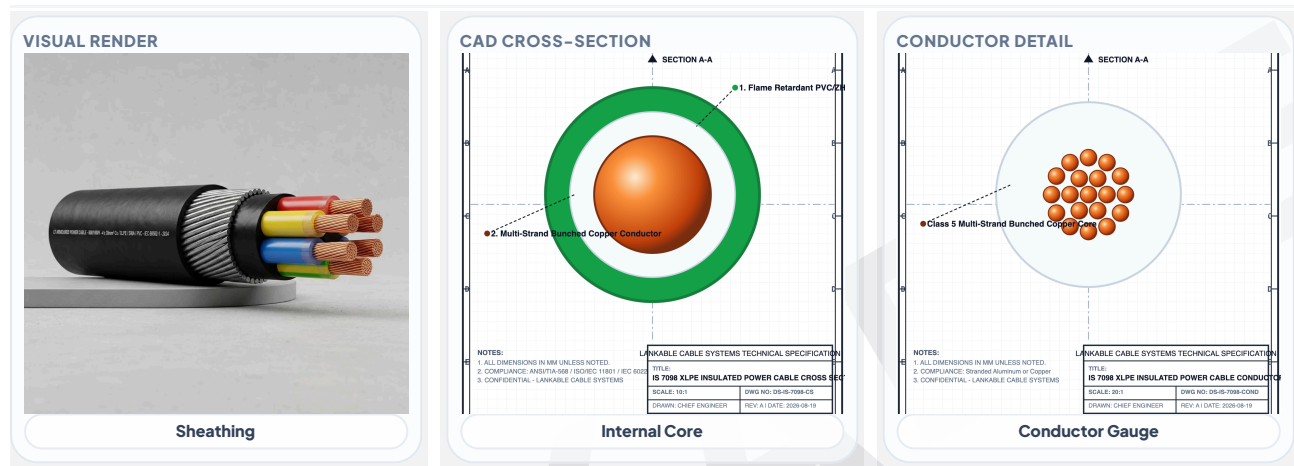
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	Class 2 Stranded Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		

ARMORED CABLES

IS 7098 XLPE INSULATED POWER CABLE

Cross-linked polyethylene (XLPE) insulated and PVC sheathed power cable manufactured in accordance with IS 7098 (Part 1). Suitable for electrical installation, power distribution networks, and industrial utility grids up to 1100V.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Cross-linked polyethylene (XLPE) insulation for superior performance.
- ✓ Galvanized steel wire or tape armored for mechanical strength.
- ✓ Excellent resistance to moisture, chemicals, and mechanical stress.
- ✓ Manufactured in compliance with IS 7098 Part 1 standards.

APPLICATIONS

- Power distribution grids and substations
- Industrial plant power utility cabling
- Underground mains distribution loops

TECHNICAL DATA & APPROVALS

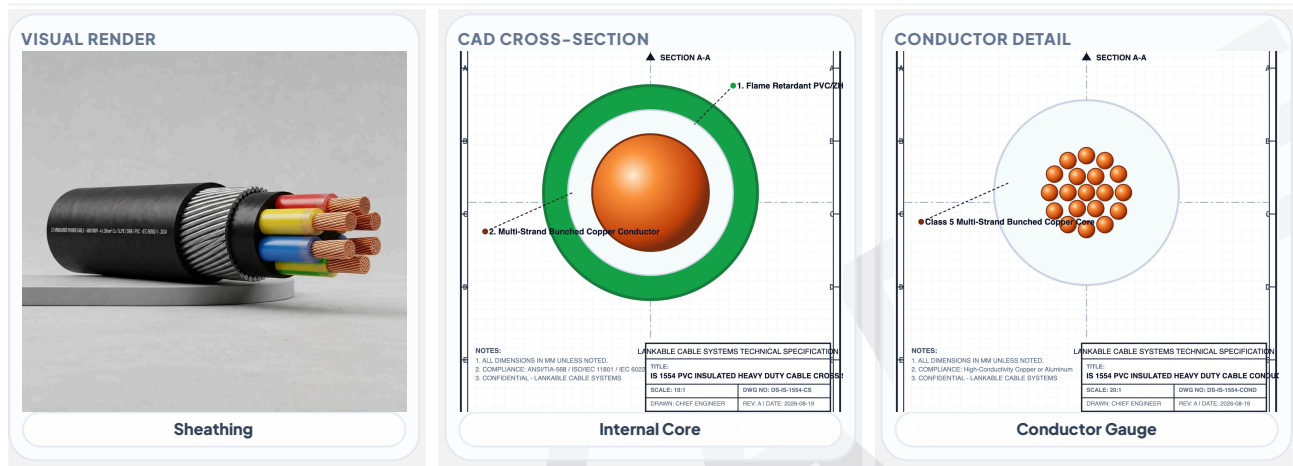
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	Class 2 Stranded Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 7098 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		

ARMORED CABLES

IS 1554 PVC INSULATED HEAVY DUTY CABLE

Heavy-duty PVC insulated electric power and control cable manufactured per IS 1554 (Part 1). Engineered for industrial wiring systems, power distribution networks, and control circuits rated up to 1100V.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Heavy-duty PVC insulation with superior chemical r...
- ✓ Steel wire/strip armored options for high impact pr...
- ✓ Flame-retardant outer sheath preventing fire propa...
- ✓ Compliant with Indian Standard IS 1554 (Part 1) speci...

APPLICATIONS

- Industrial control and automation systems
- Substation wiring and power distribution lines
- Underground trench installation or conduit wiring

TECHNICAL DATA & APPROVALS

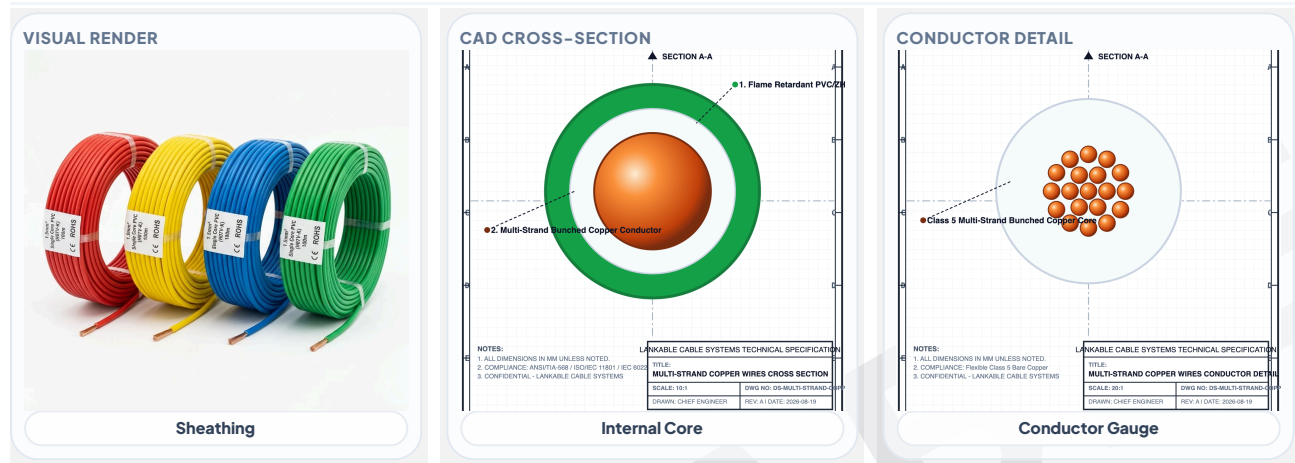
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	Class 2 Stranded Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		

HOUSE WIRES

MULTI-STRAND COPPER WIRES

High-conductivity PVC insulated wire designed for residential and commercial housing electrification. Manufactured with 99.97% pure electrolytic grade copper to ensure minimal power loss and safety.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ High dielectric insulation strength
- ✓ Corrosion-resistant copper/aluminum conductors
- ✓ Self-extinguishing, flame-retardant outer sheathing
- ✓ Designed to carry high current loads with minimum ...

APPLICATIONS

- Residential building electrification
- Power sub-station grids
- Heavy machine electricity feeds
- Outdoor streetlighting grids

DIMENSION CHARACTERISTICS

NOMINAL AREA (SQ MM)	CONDUCTOR LAYOUT	CURRENT RATING (IN CONDUIT)	MAX DC RESISTANCE @ 20 °C
1.5 sq mm	22 Strands x 0.3 mm	15 Amps	12.1 Ω/km
2.5 sq mm (Recommended)	36 Strands x 0.3 mm	20 Amps	7.41 Ω/km
4.0 sq mm	56 Strands x 0.3 mm	26 Amps	4.95 Ω/km

TECHNICAL DATA & APPROVALS

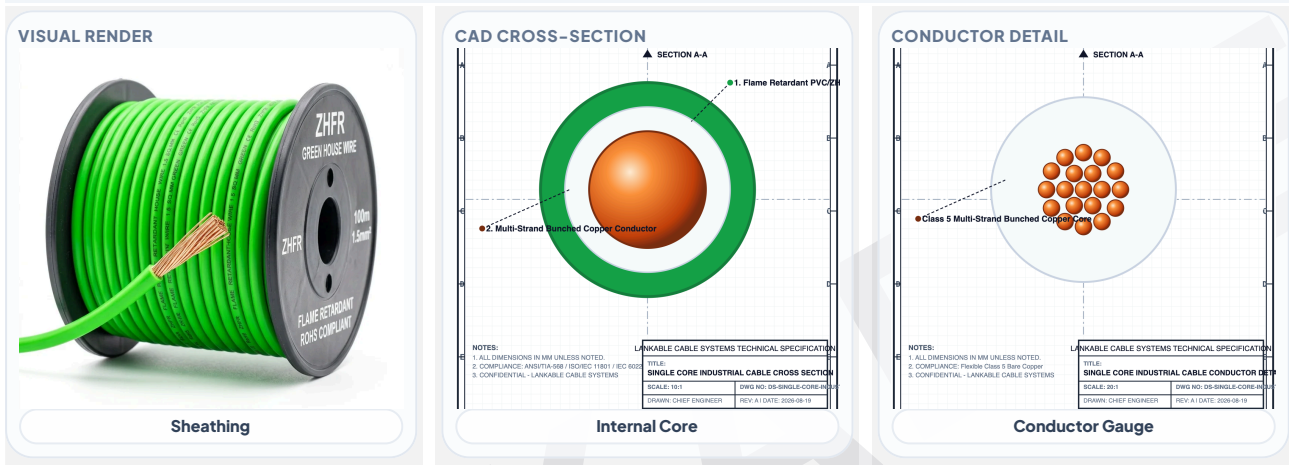
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor Metallurgy	Class 5 Flexible Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	FR-PVC	Test Voltage	3000 V AC
Flame Retardant	FR Grade	Max Operating Temp	70 °C
Bend Radius (Fixed)	6 x OD	National Standard	IS 694:2010 (Quality Assured)
Toxicity Index	N/A	Flame Standards	IEC 60332-1
Oxygen Index	> 21%	Certifications	CE, RoHS, ISO 9001

HOUSE WIRES

SINGLE CORE INDUSTRIAL CABLE

High-conductivity PVC insulated wire designed for residential and commercial housing electrification. Manufactured with 99.97% pure electrolytic grade copper to ensure minimal power loss and safety.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ High dielectric insulation strength
- ✓ Corrosion-resistant copper/aluminum conductors
- ✓ Self-extinguishing, flame-retardant outer sheathing
- ✓ Designed to carry high current loads with minimum ...

APPLICATIONS

- Residential building electrification
- Power sub-station grids
- Heavy machine electricity feeds
- Outdoor streetlighting grids

TECHNICAL DATA & APPROVALS

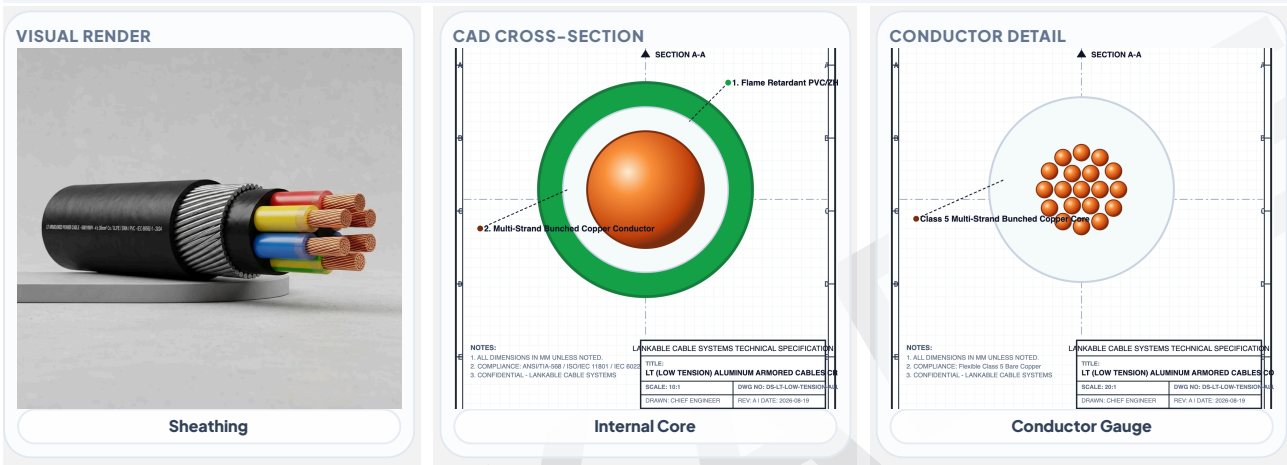
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	Class 2 Stranded Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		

ARMORED CABLES

LT (LOW TENSION) ALUMINUM ARMORED CABLES

Low tension armored power and control cable designed for heavy industrial installations, direct underground burial, and outdoor electrical networks. Corrugated steel/aluminum wire armouring provides superior crush and mechanical protection.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ High dielectric insulation strength
- ✓ Corrosion-resistant copper/aluminum conductors
- ✓ Self-extinguishing, flame-retardant outer sheathing
- ✓ Designed to carry high current loads with minimum ...

APPLICATIONS

- Residential building electrification
- Power sub-station grids
- Heavy machine electricity feeds
- Outdoor streetlighting grids

TECHNICAL DATA & APPROVALS

MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	Class 2 Stranded Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		

Multi-core copper control cables designed for signal transmission in automated CNC stations, switchgear instrumentation panels, and control panels. Equipped with high-density shielding to minimize crosstalk.

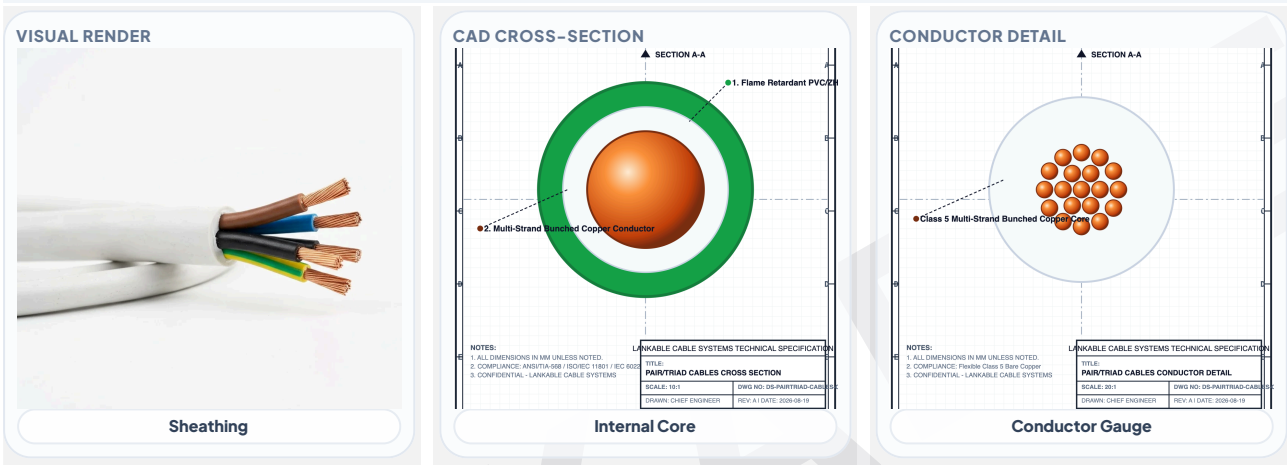
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CONTROL & INSTRUMENTATION CABLES

PAIR/TRIAD CABLES

Multi-core copper control cables designed for signal transmission in automated CNC stations, switchgear instrumentation panels, and control panels. Equipped with high-density shielding to minimize crosstalk.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Class 5/6 flexible conductor stranding for dynamic ...
- ✓ Excellent resistance to oils, chemicals, and industria...
- ✓ High shielding coverage for superior noise suppress...
- ✓ Tested for continuity and high-voltage insulation st...

APPLICATIONS

- CNC machine automation panels
- Appliance motor wiring
- Switchboard control instrumentation
- Industrial sensor networks

TECHNICAL DATA & APPROVALS

MATERIALS & PHYSICAL PROPERTIES

Conductor	Class 2 Stranded Bare Copper
Insulation	PVC / XLPE Insulation
Outer Sheath	FR-PVC (Flame Retardant PVC)
Bend Radius (Fixed)	12 x OD
Flame Retardancy	IEC 60332-1-2

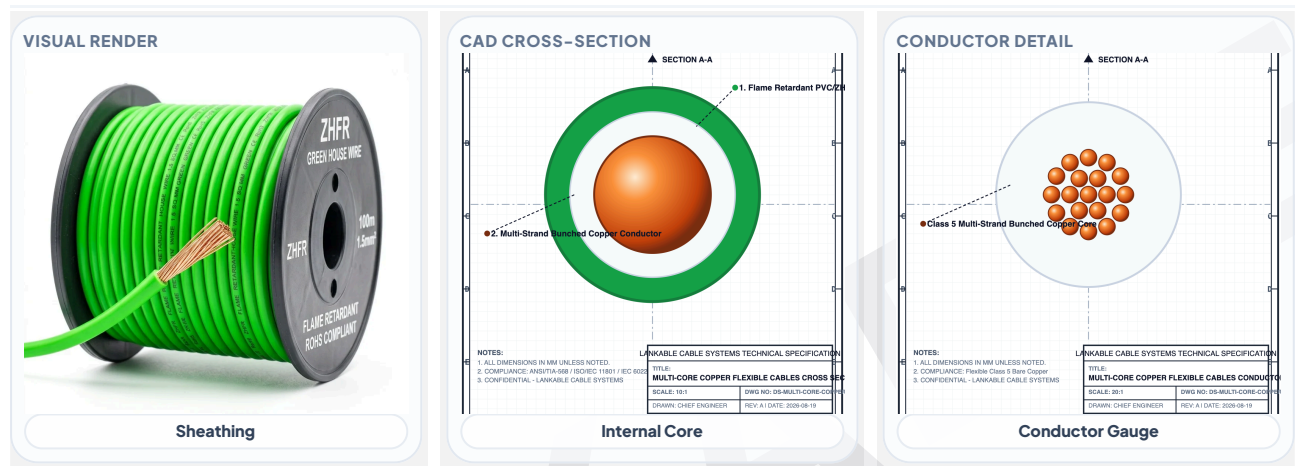
ELECTRICAL PARAMETERS & COMPLIANCE

Voltage Rating	1100 V (1.1 kV)
Test Voltage	3000 V AC
Standards	IS 1554 (Part-1), IEC 60502-1
Certifications	CE, RoHS Compliant, ISO 9001

MULTI-CORE COPPER FLEXIBLE CABLES

Extremely flexible multi-core cable woven from fine gauge bare copper wires. Ideal for dynamic automation setups, portable tools, and power supply lines that undergo continuous bending.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Class 5/6 flexible conductor stranding for dynamic ...
- ✓ Excellent resistance to oils, chemicals, and industria...
- ✓ High shielding coverage for superior noise suppress...
- ✓ Tested for continuity and high-voltage insulation st...

APPLICATIONS

- CNC machine automation panels Appliance motor wiring
- Switchboard control instrumentation Industrial sensor networks

TECHNICAL DATA & APPROVALS

Materials & Physical Properties	
Conductor	Class 2 Stranded Bare Copper
Insulation	PVC / XLPE Insulation
Outer Sheath	FR-PVC (Flame Retardant PVC)
Bend Radius (Fixed)	12 x OD
Flame Retardancy	IEC 60332-1-2

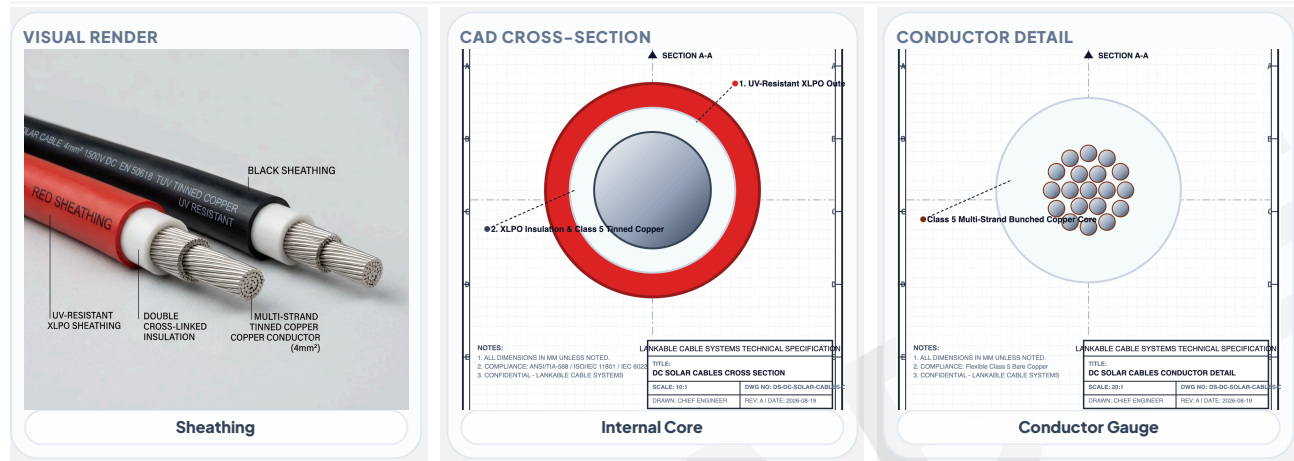
Electrical Parameters & Compliance	
Voltage Rating	1100 V (1.1kV)
Test Voltage	3000 V AC
Standards	IS 1554 (Part-1), IEC 60502-1
Certifications	CE, RoHS Compliant, ISO 9001

DC SOLAR CABLES

DC SOLAR CABLES

TUV/EN certified DC solar cables engineered for outdoor PV solar panels. Outfitted with cross-linked halogen-free insulation (XLPE) providing 25+ years of UV and weather resistance.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Class 5/6 flexible conductor stranding for dynamic ...
- ✓ Excellent resistance to oils, chemicals, and industria...
- ✓ High shielding coverage for superior noise suppress...
- ✓ Tested for continuity and high-voltage insulation st...

APPLICATIONS

- CNC machine automation panels
- Appliance motor wiring
- Switchboard control instrumentation
- Industrial sensor networks

DIMENSION CHARACTERISTICS

NOMINAL AREA (SQ MM)	CONDUCTOR STRANDS	NOMINAL OUTER DIAMETER	CURRENT CARRYING CAPACITY
4.0 sq mm (Standard)	56 x 0.3 mm Tinned Cu	5.8 mm	55 Amps
6.0 sq mm (Heavy Duty)	84 x 0.3 mm Tinned Cu	6.6 mm	70 Amps

TECHNICAL DATA & APPROVALS

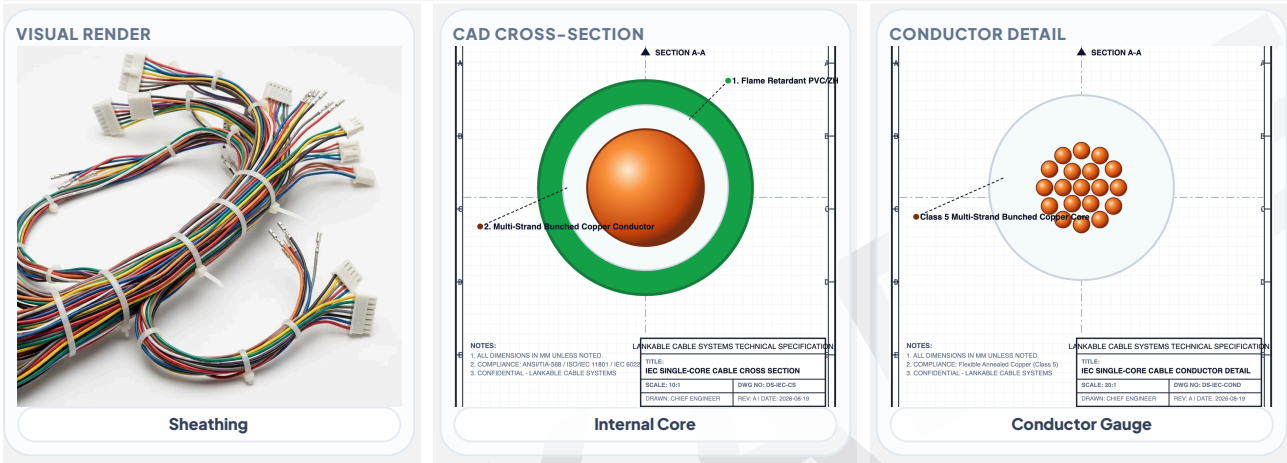
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor Metallurgy	Class 5 Flexible Bare Copper	Voltage Rating	1.8 kV DC
Insulation	XLPE	Test Voltage	3000 V AC
Flame Retardant	FR Grade	Max Operating Temp	90°C
Bend Radius (Fixed)	6 x OD	National Standard	IS 694:2010 (Quality Assured)
Toxicity Index	N/A	Flame Standards	IEC 60332-1
Oxygen Index	> 21%	Certifications	CE, RoHS, ISO 9001

APPLIANCE WIRING MATERIALS

IEC SINGLE-CORE CABLE

Flexible PVC insulated single-core cable manufactured to IEC 60227-08, rated 300/500V and up to 90°C, designed for indoor fixed installation in dry locations, panels, and switchboards.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Flexible Class 5 stranded copper conductor per IEC...
- ✓ Flame-retardant PVC insulation compliant with IEC ...
- ✓ Rated voltage of 300/500 V with 90°C maximum te...
- ✓ Passes 2000V test voltage with excellent current c...

APPLICATIONS

- Indoor fixed installation in dry locations
- Electrical panels and switchboards connection
- Wiring of electrical apparatus and control equipment

TECHNICAL DATA & APPROVALS

MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	Class 2 Stranded Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		



CONSUMER APPLIANCES

APPLIANCES INDUSTRY

Double-insulated power cords, high-temperature internal leads, and custom wire harness connections. Manufactured to strict international safety standards to deliver reliable energy distribution inside domestic and consumer appliances.

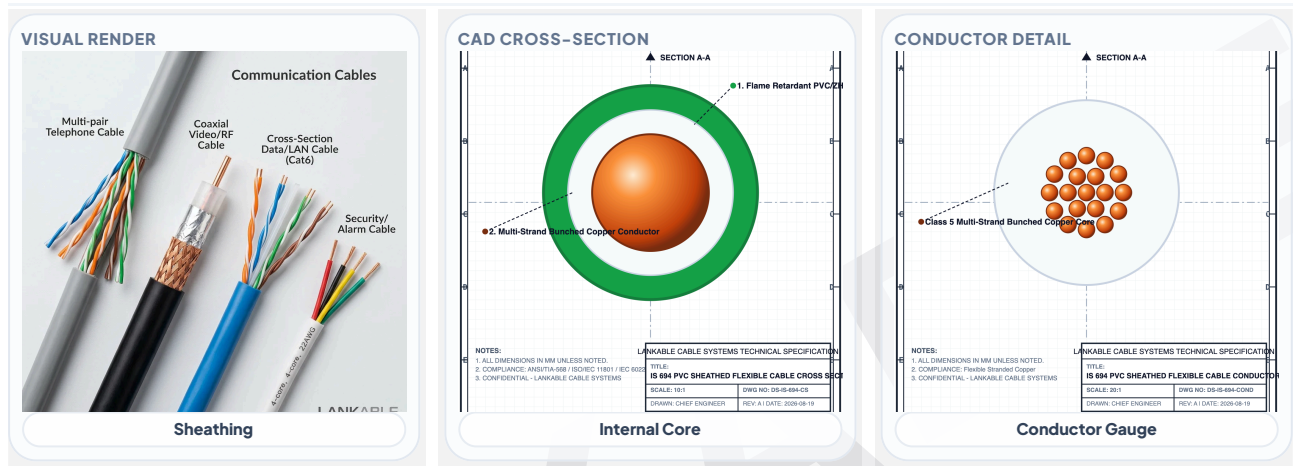
- STANDARDS COMPLIANT
- 100% TESTED

APPLIANCE WIRING MATERIALS

IS 694 PVC SHEATHED FLEXIBLE CABLE

Flexible copper conductor, PVC insulated single-core building wire manufactured to Indian Standard IS 694, for domestic and light commercial wiring installations across the full range of standard conductor sizes.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Flexible stranded copper conductor per IS 694
- ✓ REACH-compliant and RoHS lead-free PVC insulation
- ✓ Supports broad wire size range from 0.5 to 95 sqmm
- ✓ Designed for switchboards, distributors, and light c...

APPLICATIONS

- Domestic house wiring & light commercial installations
- Distribution board & switchboard wiring
- General-purpose indoor circuits

TECHNICAL DATA & APPROVALS

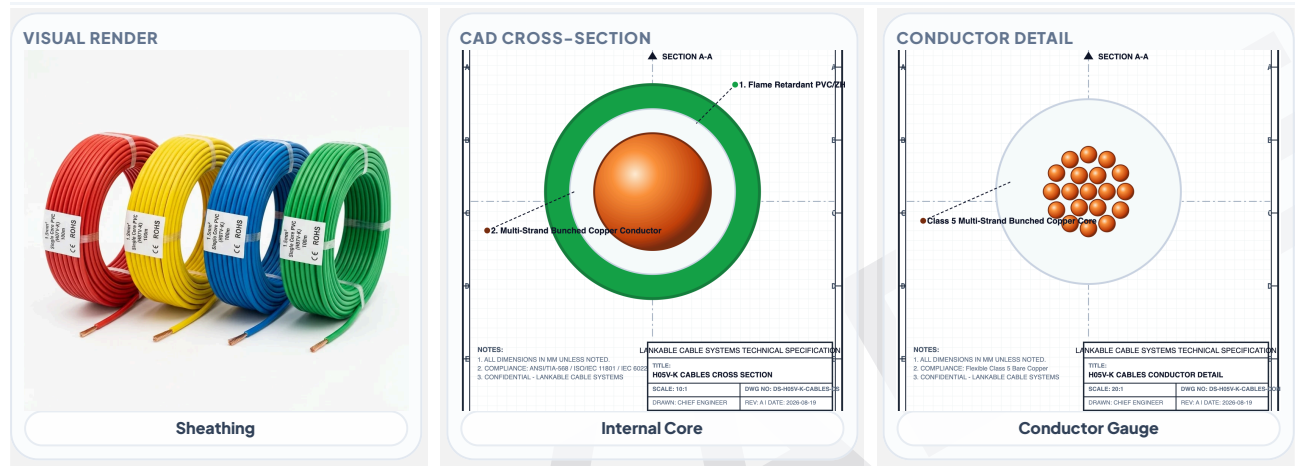
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	Class 2 Stranded Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		

APPLIANCE WIRING MATERIALS

H05V-K CABLES

Cable designed for internal wiring in switch control, relay and instrumentation panels of power switchgear.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Class 5/6 flexible conductor stranding for dynamic ...
- ✓ Excellent resistance to oils, chemicals, and industria...
- ✓ High shielding coverage for superior noise suppress...
- ✓ Tested for continuity and high-voltage insulation st...

APPLICATIONS

- CNC machine automation panels
- Appliance motor wiring
- Switchboard control instrumentation
- Industrial sensor networks

TECHNICAL DATA & APPROVALS

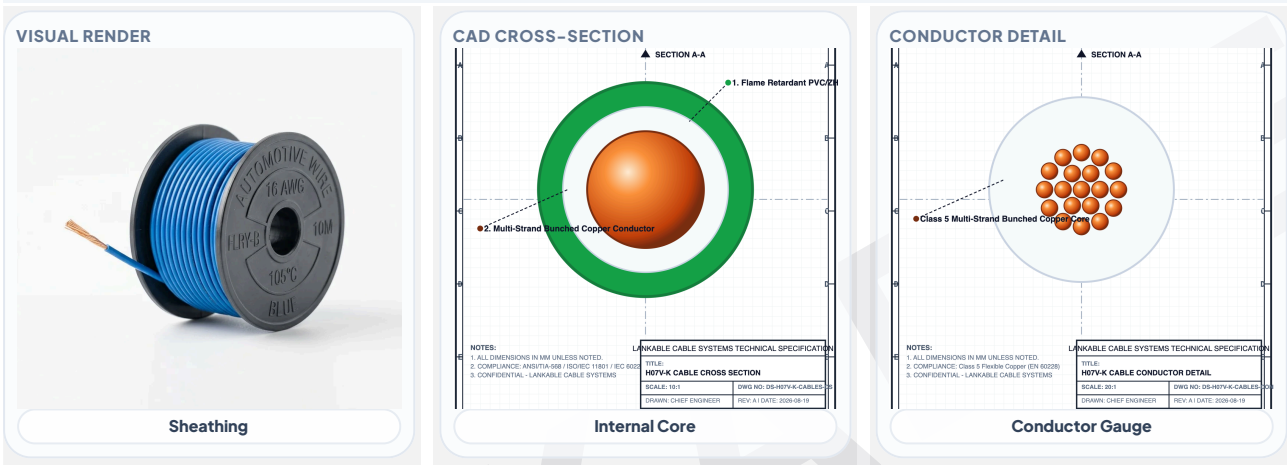
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	Class 2 Stranded Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		

APPLIANCE WIRING MATERIALS

H07V-K CABLE

Flexible Class 5 stranded copper conductor with PVC insulation to DIN VDE 0281, for internal wiring of switch control, relay and instrumentation panels, static appliances, and motor starter/controller circuits.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Flexible Class 5 stranded copper conductor per EN ...
- ✓ PVC insulation to DIN VDE 0281-1, self-extinguishing
- ✓ 450/750 V voltage rating with -30°C to +70°C tem...
- ✓ Excellent bending radius (4 x OD minimum)

APPLICATIONS

- Switch control, relay & instrumentation panels
- Static appliances & rectifier equipment
- Motor starter and controller wiring
- General-purpose panel wiring

TECHNICAL DATA & APPROVALS

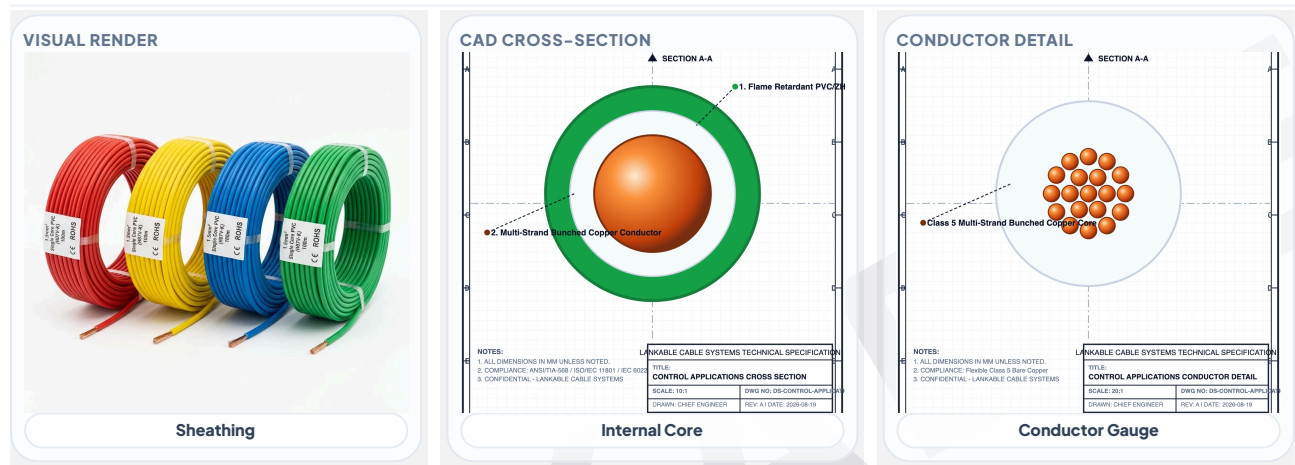
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	Class 2 Stranded Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		

MULTICORE AUTOMOTIVE CABLES

CONTROL APPLICATIONS

Knock sensor, weight sensor, rain sensor, engine management sensor, fill level sensor, occupant recognition.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Class 5/6 flexible conductor stranding for dynamic ...
- ✓ Excellent resistance to oils, chemicals, and industria...
- ✓ High shielding coverage for superior noise suppress...
- ✓ Tested for continuity and high-voltage insulation st...

APPLICATIONS

- CNC machine automation panels Appliance motor wiring
- Switchboard control instrumentation Industrial sensor networks

TECHNICAL DATA & APPROVALS

Materials & Physical Properties	
Conductor	Class 2 Stranded Bare Copper
Insulation	PVC / XLPE Insulation
Outer Sheath	FR-PVC (Flame Retardant PVC)
Bend Radius (Fixed)	12 x OD
Flame Retardancy	IEC 60332-1-2

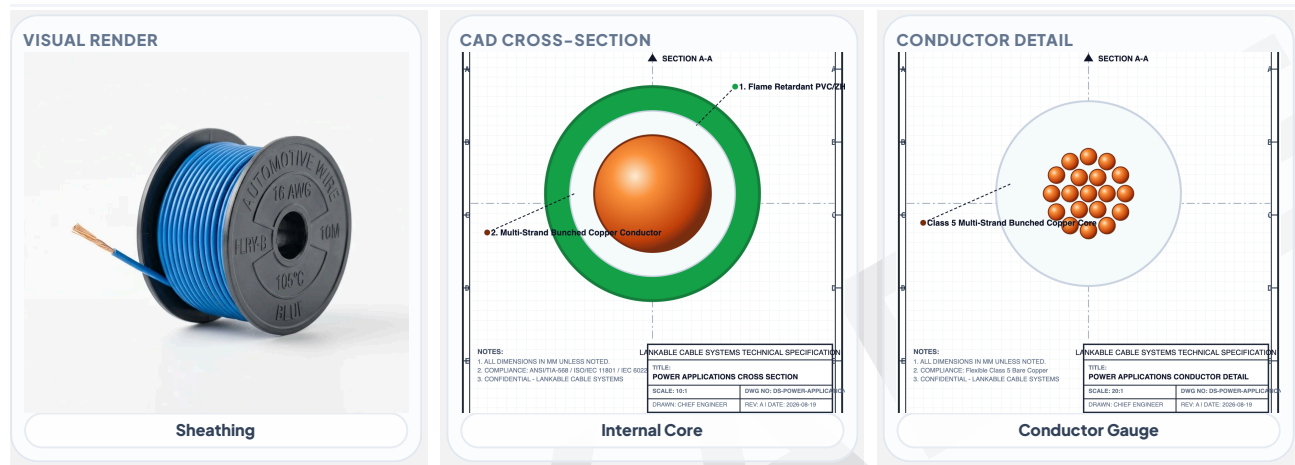
Electrical Parameters & Compliance	
Voltage Rating	1100 V (1.1 kV)
Test Voltage	3000 V AC
Standards	IS 1554 (Part-1), IEC 60502-1
Certifications	CE, RoHS Compliant, ISO 9001

MULTICORE AUTOMOTIVE CABLES

POWER APPLICATIONS

Lighting and wiring, electrical installation wiring, engine compartment wiring.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Class 5/6 flexible conductor stranding for dynamic ...
- ✓ Excellent resistance to oils, chemicals, and industria...
- ✓ High shielding coverage for superior noise suppress...
- ✓ Tested for continuity and high-voltage insulation st...

APPLICATIONS

- CNC machine automation panels
- Appliance motor wiring
- Switchboard control instrumentation
- Industrial sensor networks

TECHNICAL DATA & APPROVALS

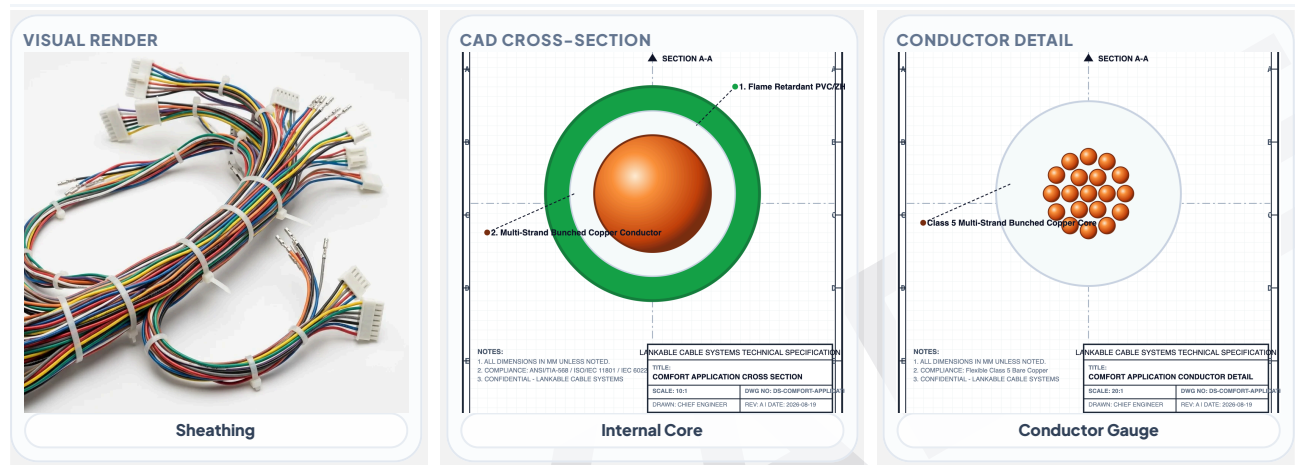
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	Class 2 Stranded Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		

MULTICORE AUTOMOTIVE CABLES

COMFORT APPLICATION

Seat systems, power windows, mirror wiring, HVAC, consumer electronics, sunroof systems, park assistance.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Class 5/6 flexible conductor stranding for dynamic ...
- ✓ Excellent resistance to oils, chemicals, and industria...
- ✓ High shielding coverage for superior noise suppress...
- ✓ Tested for continuity and high-voltage insulation st...

APPLICATIONS

- CNC machine automation panels Appliance motor wiring
- Switchboard control instrumentation Industrial sensor networks

TECHNICAL DATA & APPROVALS

Materials & Physical Properties	
Conductor	Class 2 Stranded Bare Copper
Insulation	PVC / XLPE Insulation
Outer Sheath	FR-PVC (Flame Retardant PVC)
Bend Radius (Fixed)	12 x OD
Flame Retardancy	IEC 60332-1-2

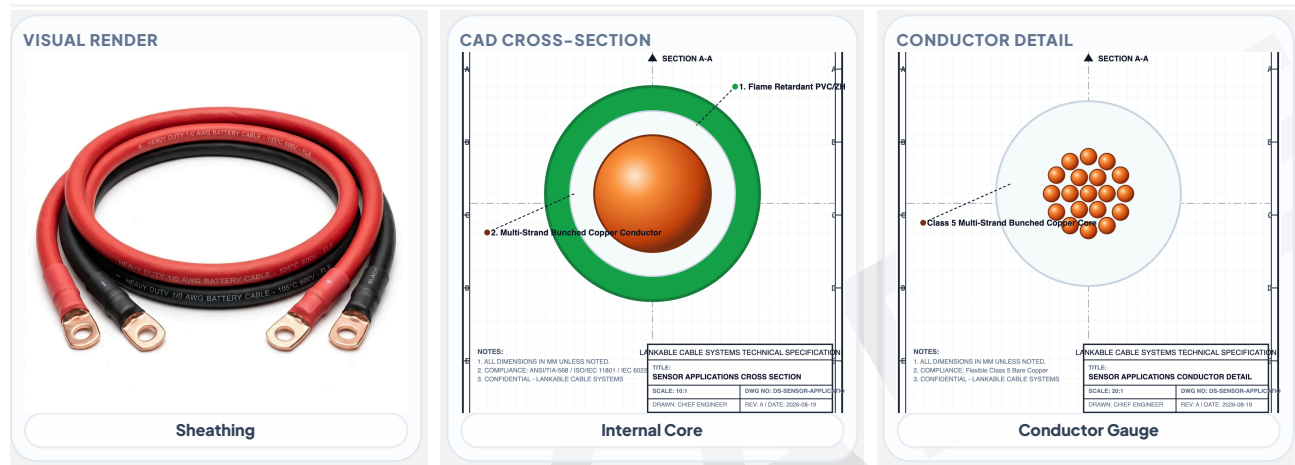
Electrical Parameters & Compliance	
Voltage Rating	1100 V (1.1kV)
Test Voltage	3000 V AC
Standards	IS 1554 (Part-1), IEC 60502-1
Certifications	CE, RoHS Compliant, ISO 9001

MULTICORE AUTOMOTIVE CABLES

SENSOR APPLICATIONS

Driver assistance & active safety systems, ABS/ESP sensor cables, brake wear indicator, parking brake cable.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Class 5/6 flexible conductor stranding for dynamic ...
- ✓ Excellent resistance to oils, chemicals, and industria...
- ✓ High shielding coverage for superior noise suppress...
- ✓ Tested for continuity and high-voltage insulation st...

APPLICATIONS

- CNC machine automation panels
- Appliance motor wiring
- Switchboard control instrumentation
- Industrial sensor networks

TECHNICAL DATA & APPROVALS

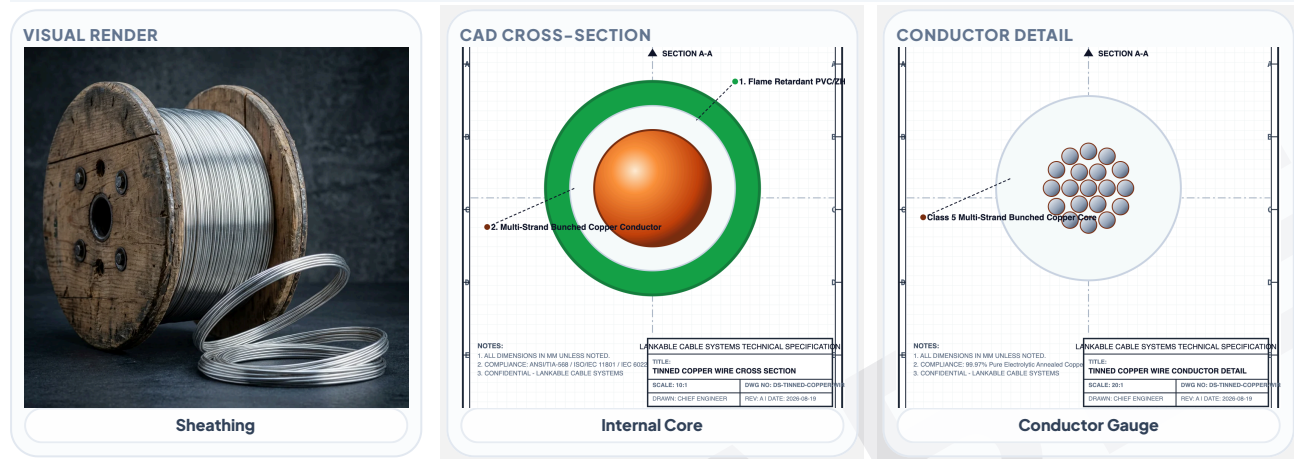
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	Class 2 Stranded Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		

COPPER

TINNED COPPER WIRE

Copper wire coated with tin layer for corrosion resistance and improved solderability.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ 99.97% high-purity electrolytic grade copper
- ✓ Uniform conductor gauge and diameter tolerances
- ✓ High electrical conductivity exceeding 101% IACS
- ✓ Annealed soft temper for outstanding winding flexi...

APPLICATIONS

- Industrial rewinding coils
- Grounding / Earth straps
- Cabling conductors core fabrication
- Appliance wiring pins

DIMENSION CHARACTERISTICS

WIRE DIAMETER	NOMINAL WEIGHT	ELECTRICAL CONDUCTIVITY	TENSILE STRENGTH
0.15 mm	0.157 kg per 1000m	100% IACS	220-250 N/mm ²
0.20 mm (Recommended)	0.279 kg per 1000m	100% IACS	220-250 N/mm ²

TECHNICAL DATA & APPROVALS

MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Copper Grade	ETP Grade	Conductivity	≥100% IACS
Purity	Min 99.97% Pure Copper	Resistivity @ 20°C	0.017241 Ω·mm ² /m
Surface Coating	Electroplated Tin	Global Standards	ASTM B3, BS EN 13602, IS 8130
Hardness State	Soft Annealed	RoHS & REACH	100% Compliant
Tensile Strength	200 - 250 N/mm ²		
Elongation at Break	Min 25% to 35%		

AGRI-PUMP CONNECTIVITY

AGRICULTURE INDUSTRY

Heavy-duty submersible flat cables, PVC unarmored cables, and agricultural pump feeds. Engineered with high moisture resistance and mechanical flexibility to operate reliably in deepwell and farming environments.

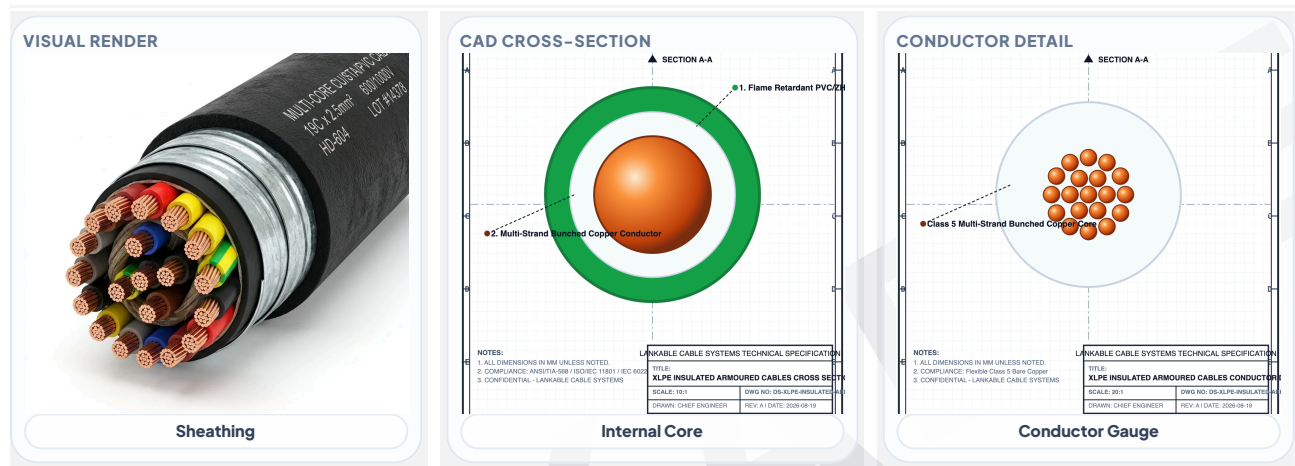
- STANDARDS COMPLIANT
- 100% TESTED

ARMORED CABLES

XLPE INSULATED ARMOURED CABLES

Low tension armored power and control cable designed for heavy industrial installations, direct underground burial, and outdoor electrical networks. Corrugated steel/aluminum wire armouring provides superior crush and mechanical protection.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ High dielectric insulation strength
- ✓ Corrosion-resistant copper/aluminum conductors
- ✓ Self-extinguishing, flame-retardant outer sheathing
- ✓ Designed to carry high current loads with minimum ...

APPLICATIONS

- Residential building electrification
- Power sub-station grids
- Heavy machine electricity feeds
- Outdoor streetlighting grids

TECHNICAL DATA & APPROVALS

MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	Class 2 Stranded Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		

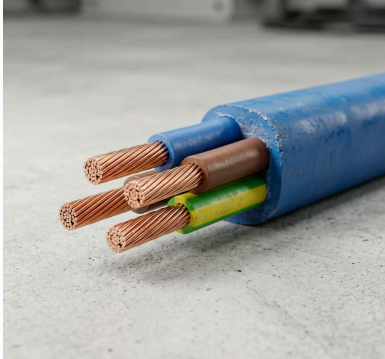
BUILDING WIRES (INDIA)

3 CORE SUBMERSIBLE FLAT CABLE, HR PVC INSULATED 85°C

PVC insulated and sheathed 3 core flat cables mainly used in pump connections and industrial applications.

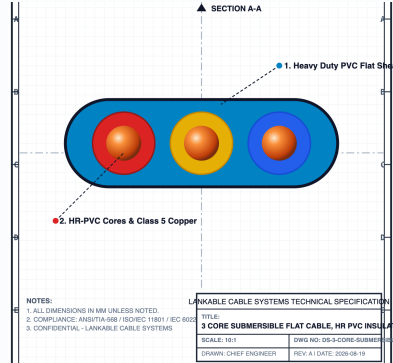
PRODUCT BUILD UP (SCHEMATICS)

VISUAL RENDER



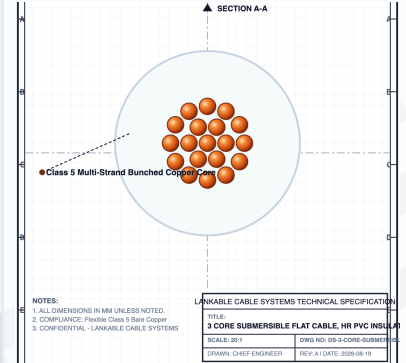
Sheathing

CAD CROSS-SECTION



Internal Core

CONDUCTOR DETAIL



Conductor Gauge

PRODUCT FEATURES

- ✓ High dielectric insulation strength
- ✓ Corrosion-resistant copper/aluminum conductors
- ✓ Self-extinguishing, flame-retardant outer sheathing
- ✓ Designed to carry high current loads with minimum ...

APPLICATIONS

- Residential building electrification
Heavy machine electricity feeds
Power sub-station grids
Outdoor streetlighting grids

DIMENSION CHARACTERISTICS

CORE CONFIGURATION	NOMINAL AREA	CURRENT RATING	NOMINAL OUTER DIMENSIONS
3 Core Flat	1.5 sq mm	16 Amps	5.0 mm x 11.2 mm
3 Core Flat (Recommended)	2.5 sq mm	22 Amps	5.8 mm x 13.0 mm

TECHNICAL DATA & APPROVALS

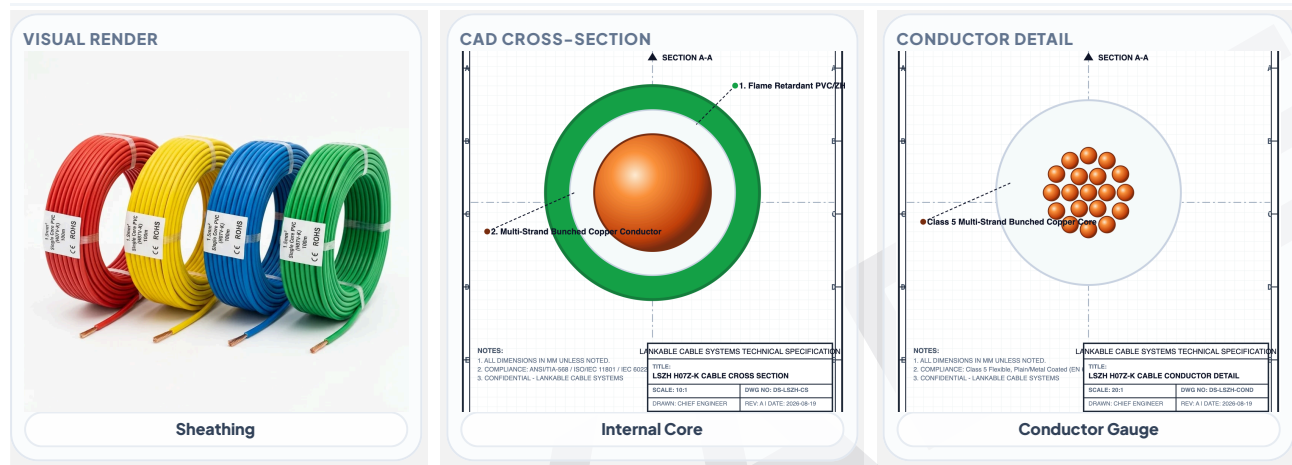
Materials & Physical Properties		Electrical Parameters & Compliance	
Conductor Metallurgy	Class 5 Flexible Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	FR-PVC	Test Voltage	3000 V AC
Flame Retardant	FR Grade	Max Operating Temp	70°C
Bend Radius (Fixed)	6 x OD	National Standard	IS 694:2010 (Quality Assured)
Toxicity Index	N/A	Flame Standards	IEC 60332-1
Oxygen Index	> 21%	Certifications	CE, RoHS, ISO 9001

BUILDING WIRES (INDIA)

LSZH H07Z-K CABLE

Halogen-free, low smoke zero halogen (LSZH) single-core flexible cable to BS EN 50525-3-41, for installation in dry environments including lighting fixtures, plaster and closed ducting, switchboards, and rail-coach wiring.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Class 5 flexible plain or metal coated copper condu...
- ✓ Cross-Linked Polyolefin insulation per EN 50363-5
- ✓ H05Z-K (300/500V) and H07Z-K (450/750V) volta...
- ✓ Halogen-free, low smoke emission in case of fire

APPLICATIONS

- Lighting fixture wiring in dry environments
- Installation on, in, or beneath plaster; closed ducting
- Switchboard & distributor internal wiring
- Rail-coach wiring (up to 900V against ground)

TECHNICAL DATA & APPROVALS

MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	Class 2 Stranded Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		



SMART VEHICLE HARNESSING

AUTOMOTIVE INDUSTRY

JASO and ISO compliant thin-wall primary wires (FLRY, AVSS, TXL) and harness assemblies. Engineered to resist oil, engine heat, and vibration inside modern internal combustion and electric vehicles.

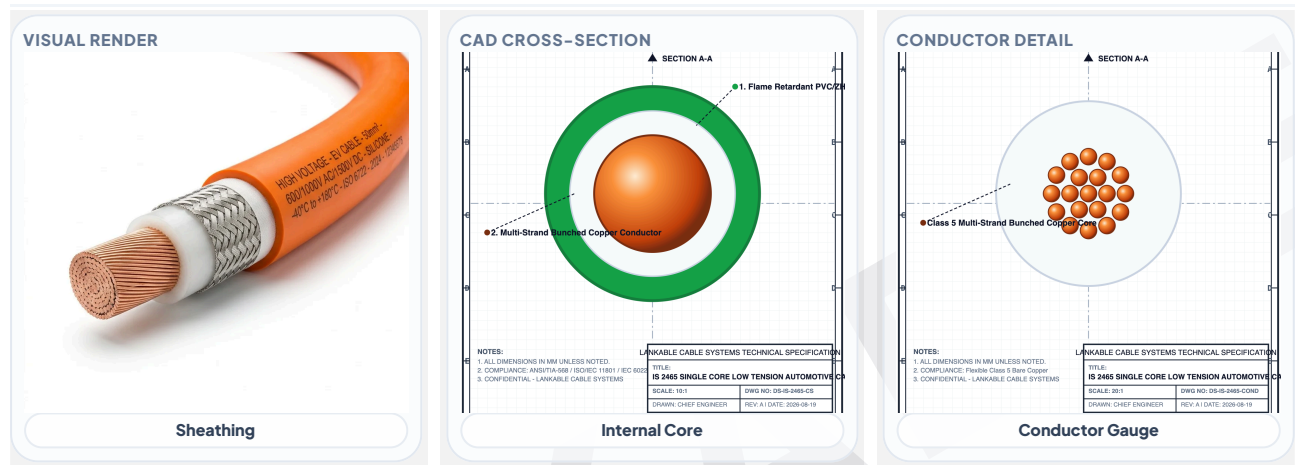
- STANDARDS COMPLIANT
- 100% TESTED

AUTOMOTIVE CABLE SINGLE CORE

IS 2465 SINGLE CORE LOW TENSION AUTOMOTIVE CABLE

Low tension thin wall cables widely used for automobiles; starting, charging, lighting & instrument panel circuits.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Class 5/6 flexible conductor stranding for dynamic ...
- ✓ Excellent resistance to oils, chemicals, and industria...
- ✓ High shielding coverage for superior noise suppress...
- ✓ Tested for continuity and high-voltage insulation st...

APPLICATIONS

- CNC machine automation panels
- Appliance motor wiring
- Switchboard control instrumentation
- Industrial sensor networks

TECHNICAL DATA & APPROVALS

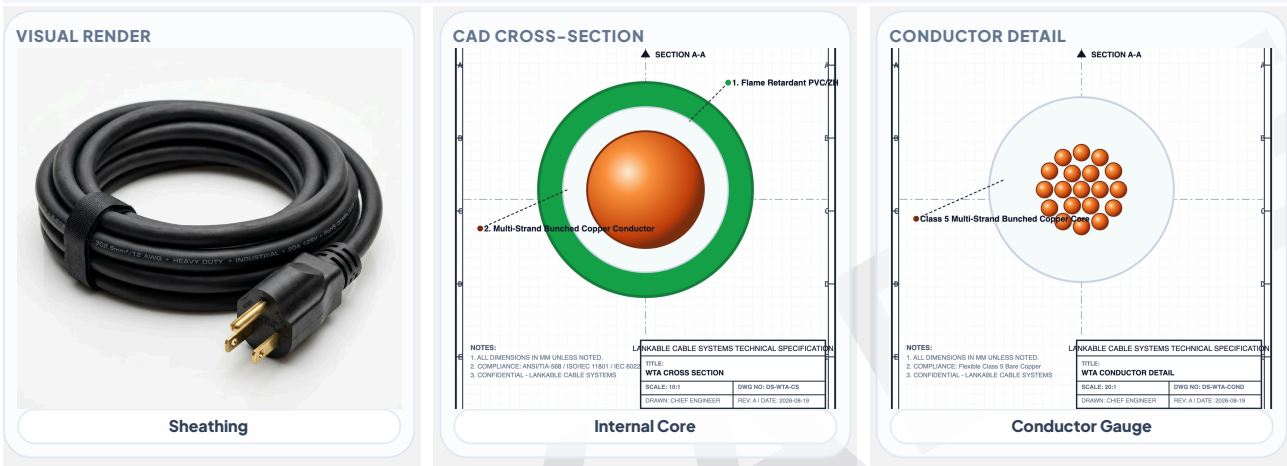
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	Class 2 Stranded Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		

AUTOMOTIVE CABLE SINGLE CORE

WTA

Low-voltage cable for use at nominal voltage of 60V DC / 60V AC rms on surface vehicles.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Class 5/6 flexible conductor stranding for dynamic ...
- ✓ Excellent resistance to oils, chemicals, and industria...
- ✓ High shielding coverage for superior noise suppress...
- ✓ Tested for continuity and high-voltage insulation st...

APPLICATIONS

- CNC machine automation panels
- Appliance motor wiring
- Switchboard control instrumentation
- Industrial sensor networks

TECHNICAL DATA & APPROVALS

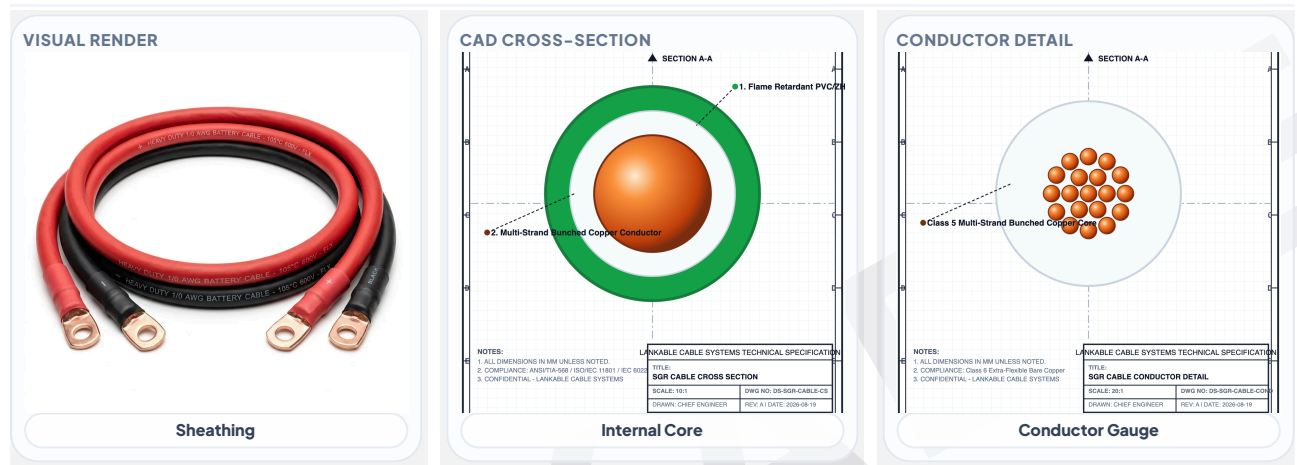
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	Class 2 Stranded Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		

BATTERY CABLES

SGR CABLE

Low-tension electric wire for automobiles; heat-resistant circuits.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ High dielectric insulation strength
- ✓ Corrosion-resistant copper/aluminum conductors
- ✓ Self-extinguishing, flame-retardant outer sheathing
- ✓ Designed to carry high current loads with minimum ...

APPLICATIONS

- Residential building electrification
- Power sub-station grids
- Heavy machine electricity feeds
- Outdoor streetlighting grids

TECHNICAL DATA & APPROVALS

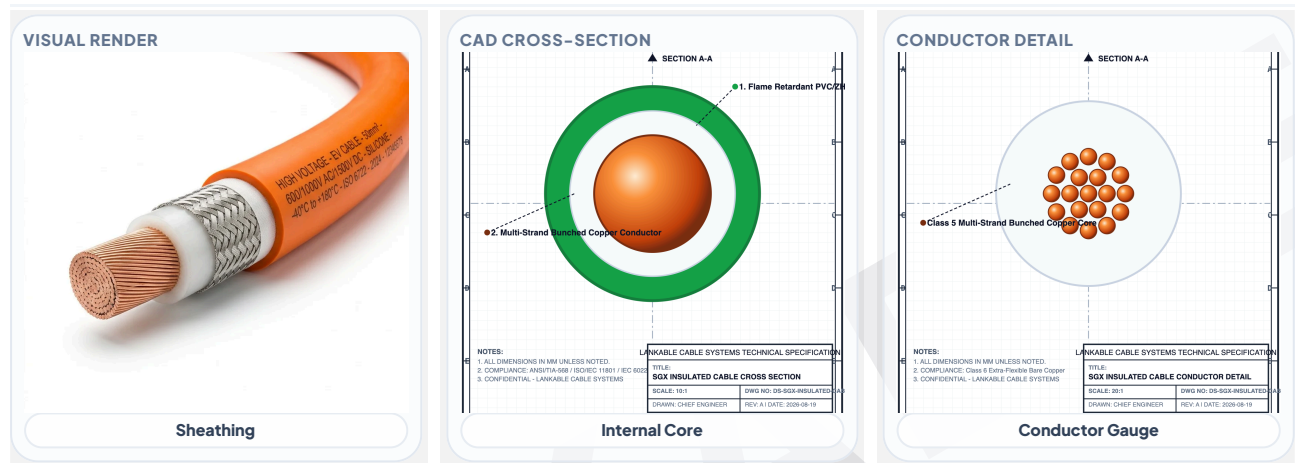
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	Class 2 Stranded Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		

BATTERY CABLES

SGX INSULATED CABLE

Low-tension electric wire for automobiles; general purpose, heat-resistant circuits.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ High dielectric insulation strength
- ✓ Corrosion-resistant copper/aluminum conductors
- ✓ Self-extinguishing, flame-retardant outer sheathing
- ✓ Designed to carry high current loads with minimum ...

APPLICATIONS

- Residential building electrification Power sub-station grids
Heavy machine electricity feeds Outdoor streetlighting grids

TECHNICAL DATA & APPROVALS

Materials & Physical Properties	
Conductor	Class 2 Stranded Bare Copper
Insulation	PVC / XLPE Insulation
Outer Sheath	FR-PVC (Flame Retardant PVC)
Bend Radius (Fixed)	12 x OD
Flame Retardancy	IEC 60332-1-2

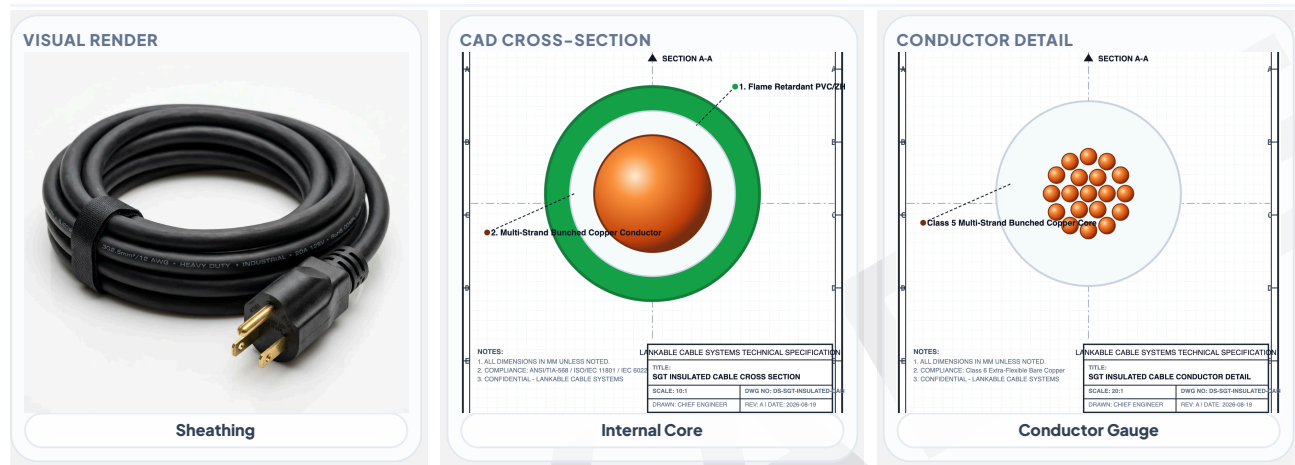
Electrical Parameters & Compliance	
Voltage Rating	1100 V (1.1 kV)
Test Voltage	3000 V AC
Standards	IS 1554 (Part-1), IEC 60502-1
Certifications	CE, RoHS Compliant, ISO 9001

BATTERY CABLES

SGT INSULATED CABLE

Low-tension electric wire for automobiles; general purpose, heat-resistant circuits.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ High dielectric insulation strength
- ✓ Corrosion-resistant copper/aluminum conductors
- ✓ Self-extinguishing, flame-retardant outer sheathing
- ✓ Designed to carry high current loads with minimum ...

APPLICATIONS

- Residential building electrification
- Power sub-station grids
- Heavy machine electricity feeds
- Outdoor streetlighting grids

TECHNICAL DATA & APPROVALS

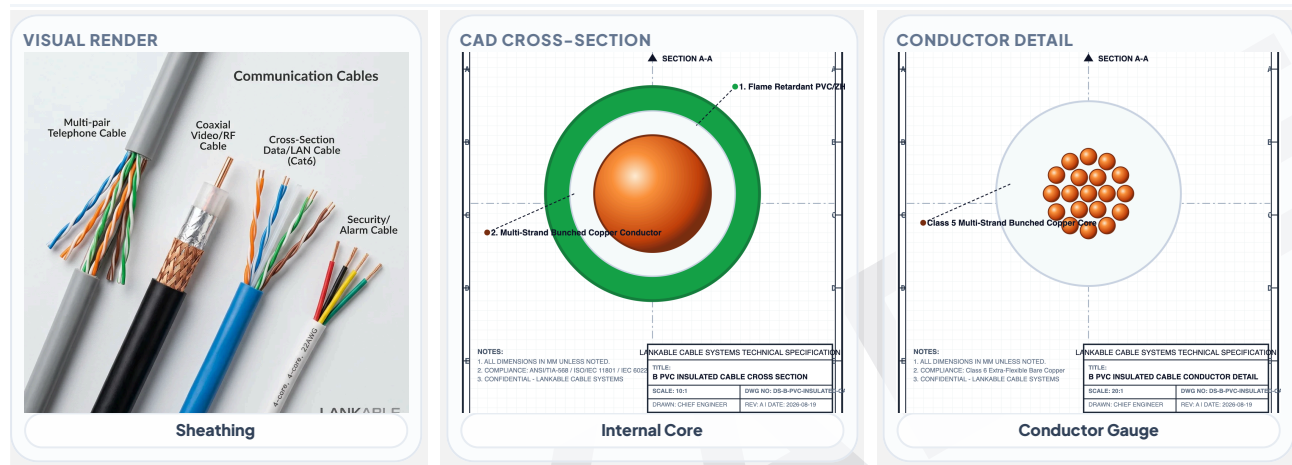
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	Class 2 Stranded Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		

BATTERY CABLES

B PVC INSULATED CABLE

Low tension thin wall cables for automobiles; starting, charging, lighting & instrument panel circuits.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ High dielectric insulation strength
- ✓ Corrosion-resistant copper/aluminum conductors
- ✓ Self-extinguishing, flame-retardant outer sheathing
- ✓ Designed to carry high current loads with minimum ...

APPLICATIONS

- Residential building electrification
- Power sub-station grids
- Heavy machine electricity feeds
- Outdoor streetlighting grids

TECHNICAL DATA & APPROVALS

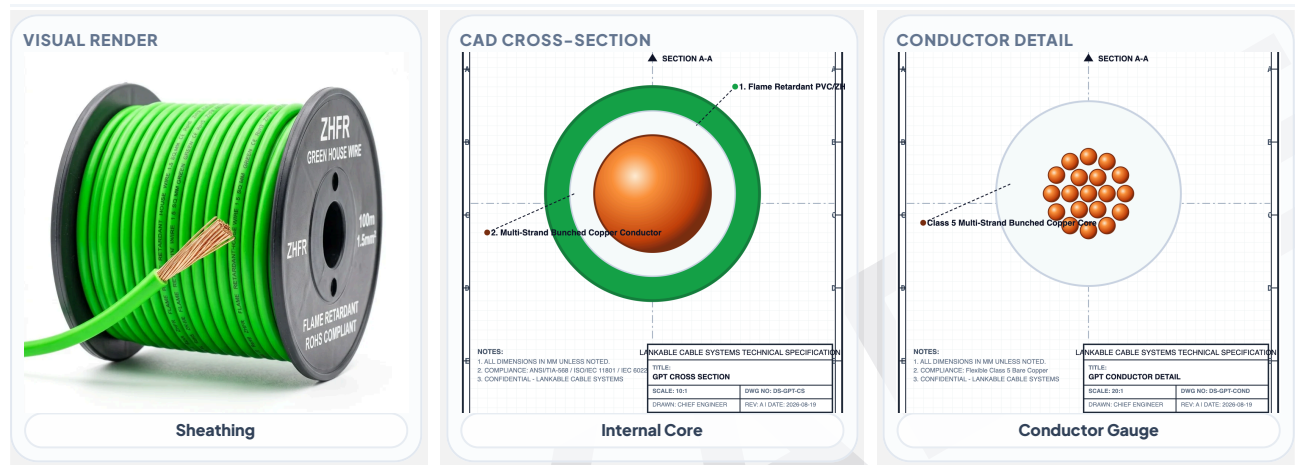
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Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		

AUTOMOTIVE CABLE SINGLE CORE

GPT

General circuit wiring per SAE J1128; low tension cable at 60V DC / 25V AC.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Class 5/6 flexible conductor stranding for dynamic ...
- ✓ Excellent resistance to oils, chemicals, and industria...
- ✓ High shielding coverage for superior noise suppress...
- ✓ Tested for continuity and high-voltage insulation st...

APPLICATIONS

- CNC machine automation panels
- Appliance motor wiring
- Switchboard control instrumentation
- Industrial sensor networks

TECHNICAL DATA & APPROVALS

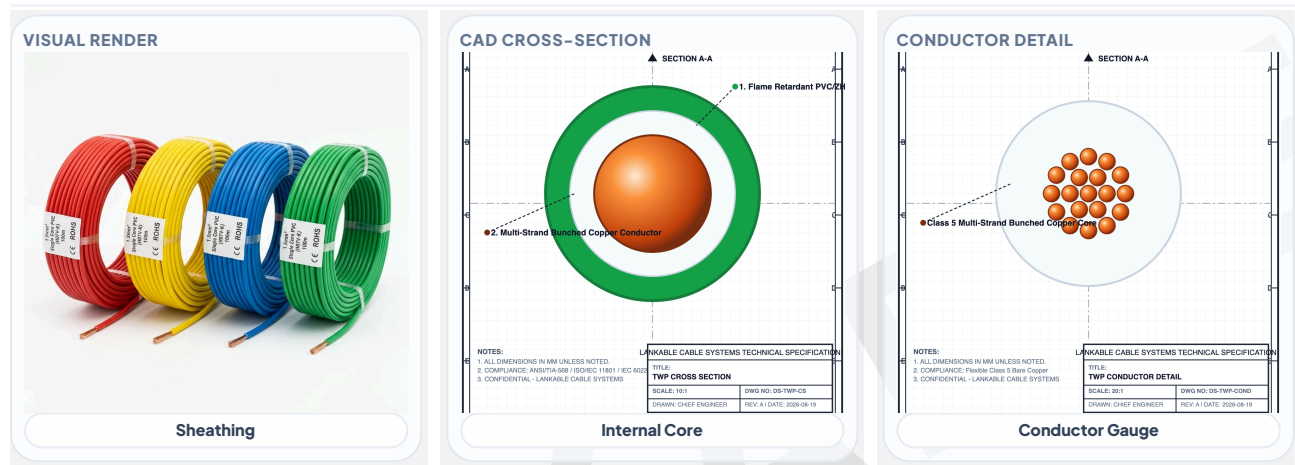
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	Class 2 Stranded Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		

AUTOMOTIVE CABLE SINGLE CORE

TWP

Wire harness for low-tension electric circuits for automobiles.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Class 5/6 flexible conductor stranding for dynamic ...
- ✓ Excellent resistance to oils, chemicals, and industria...
- ✓ High shielding coverage for superior noise suppress...
- ✓ Tested for continuity and high-voltage insulation st...

APPLICATIONS

- CNC machine automation panels
- Appliance motor wiring
- Switchboard control instrumentation
- Industrial sensor networks

TECHNICAL DATA & APPROVALS

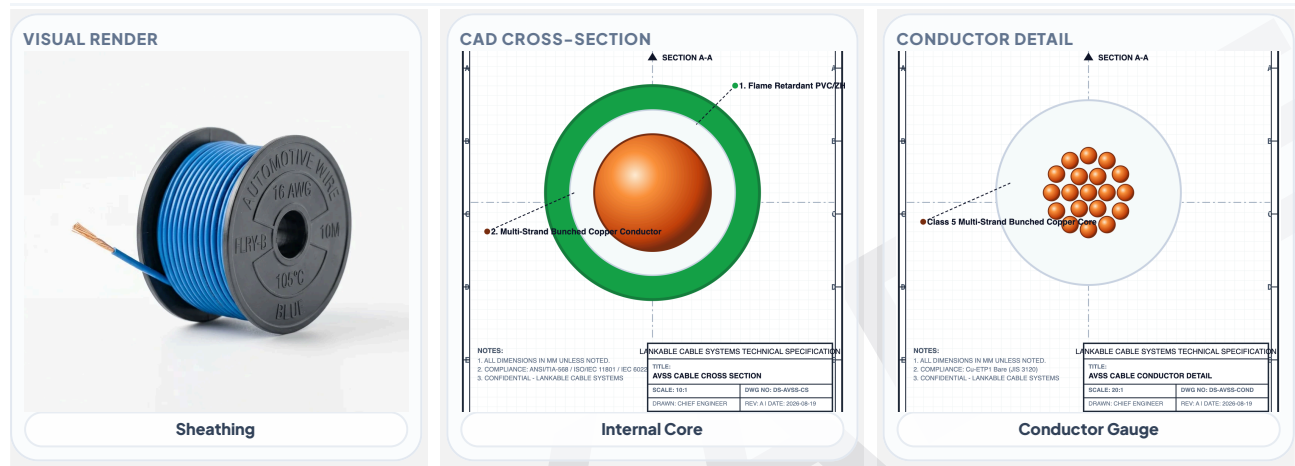
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Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		

AUTOMOTIVE CABLE SINGLE CORE

AVSS CABLE

PVC-insulated single-core automotive cable for low-voltage circuits in automobiles, vehicles, and motorcycles, with bare Cu-ETP copper conductor per JIS 3120 and PVC insulation compliant with JASO D 611-94.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Bare Cu-ETP copper conductor per JIS 3120
- ✓ Thin-wall PVC insulation per JASO D 611-94
- ✓ Rated for low-voltage circuits in cars and motorcycle...
- ✓ Supports flexible stranded and flexible finer-strand ...

APPLICATIONS

- Low-voltage circuit wiring in automobiles and vehicles
- Motorcycle electrical harnesses
- General automotive body wiring
- Applications requiring JASO D611 compliance

TECHNICAL DATA & APPROVALS

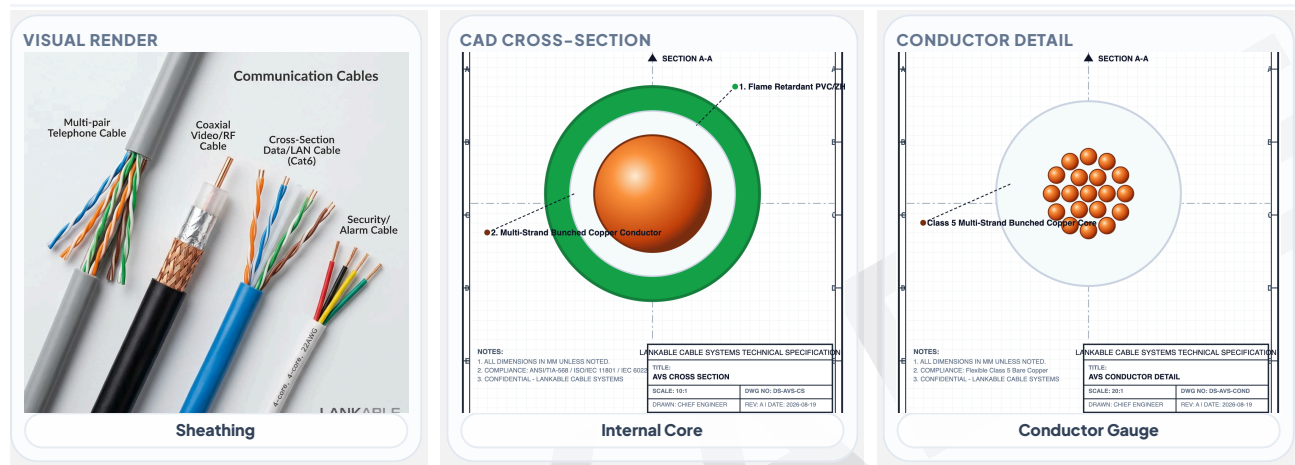
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	Class 2 Stranded Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		

AUTOMOTIVE CABLE SINGLE CORE

AVS

Wire harness of low-tension electric circuits for automobiles.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Class 5/6 flexible conductor stranding for dynamic ...
- ✓ Excellent resistance to oils, chemicals, and industria...
- ✓ High shielding coverage for superior noise suppress...
- ✓ Tested for continuity and high-voltage insulation st...

APPLICATIONS

- CNC machine automation panels
- Appliance motor wiring
- Switchboard control instrumentation
- Industrial sensor networks

TECHNICAL DATA & APPROVALS

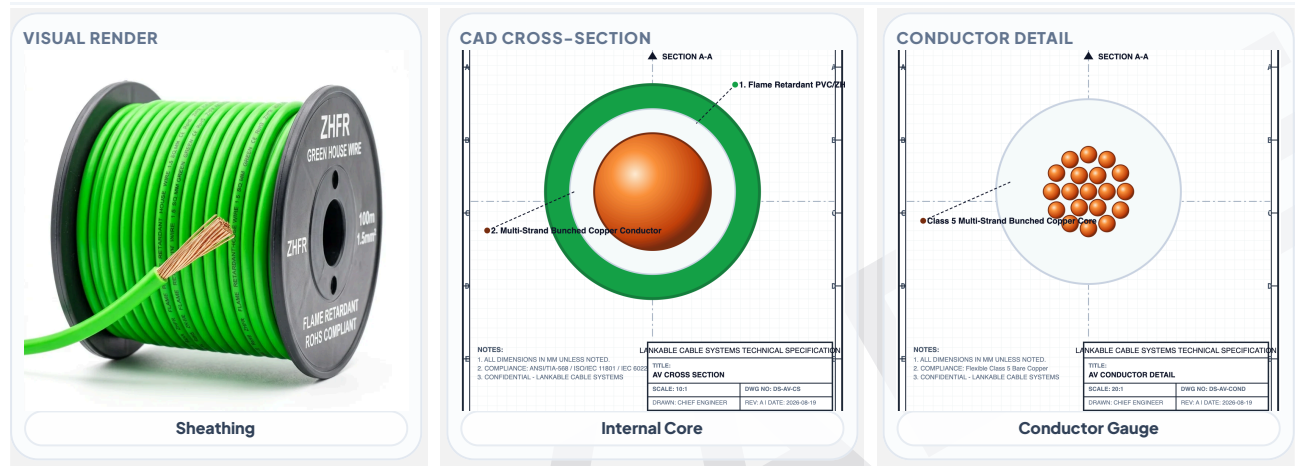
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	Class 2 Stranded Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		

AUTOMOTIVE CABLE SINGLE CORE

AV

Wire harness of low-tension electric circuits for automobiles.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Class 5/6 flexible conductor stranding for dynamic ...
- ✓ Excellent resistance to oils, chemicals, and industria...
- ✓ High shielding coverage for superior noise suppress...
- ✓ Tested for continuity and high-voltage insulation st...

APPLICATIONS

- CNC machine automation panels
- Appliance motor wiring
- Switchboard control instrumentation
- Industrial sensor networks

TECHNICAL DATA & APPROVALS

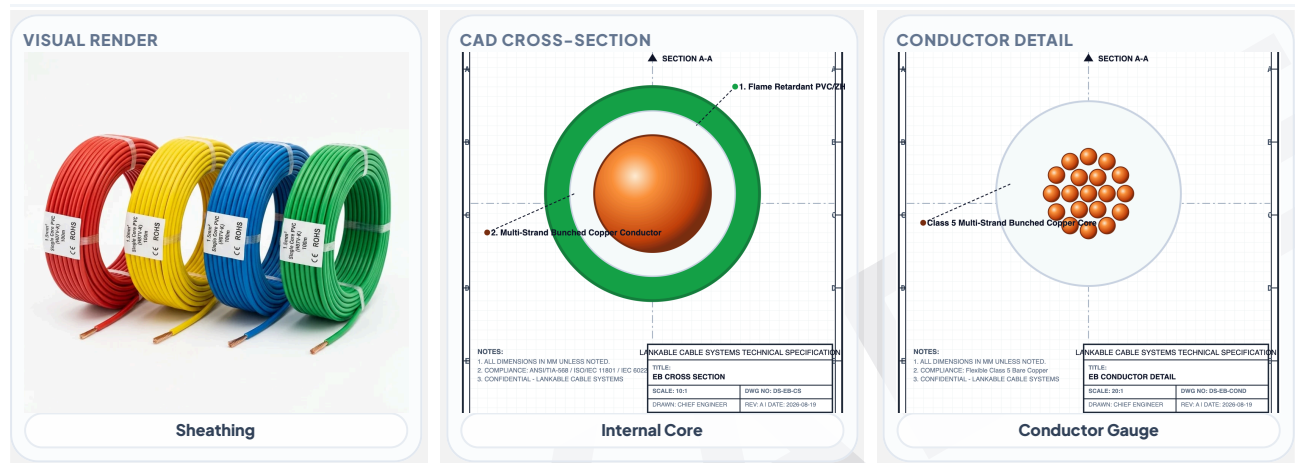
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	Class 2 Stranded Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		

AUTOMOTIVE CABLE SINGLE CORE

EB

Earth bond low voltage cable for automobiles.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Class 5/6 flexible conductor stranding for dynamic ...
- ✓ Excellent resistance to oils, chemicals, and industria...
- ✓ High shielding coverage for superior noise suppress...
- ✓ Tested for continuity and high-voltage insulation st...

APPLICATIONS

- CNC machine automation panels Appliance motor wiring
- Switchboard control instrumentation Industrial sensor networks

TECHNICAL DATA & APPROVALS

Materials & Physical Properties	
Conductor	Class 2 Stranded Bare Copper
Insulation	PVC / XLPE Insulation
Outer Sheath	FR-PVC (Flame Retardant PVC)
Bend Radius (Fixed)	12 x OD
Flame Retardancy	IEC 60332-1-2

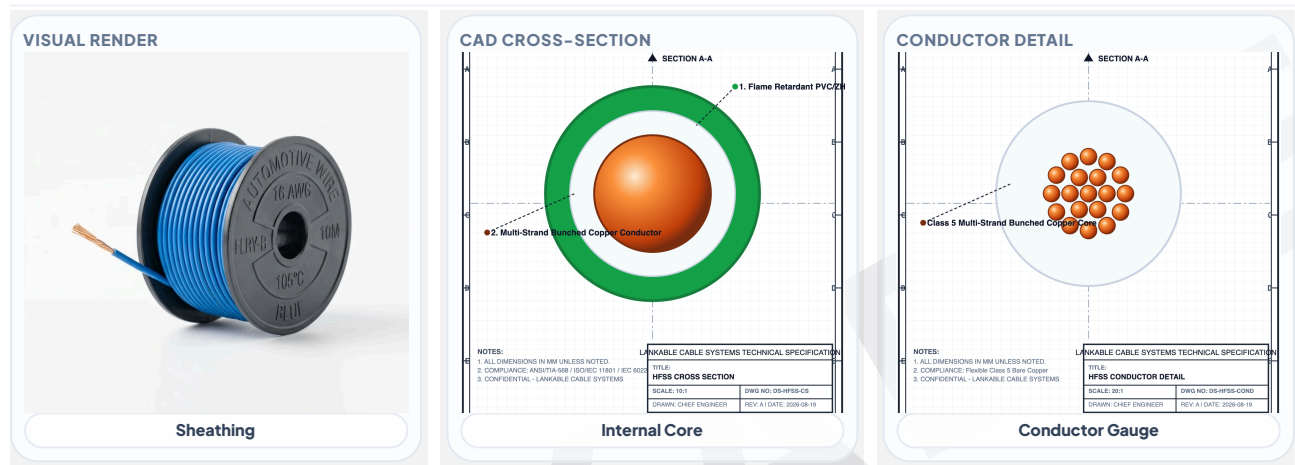
Electrical Parameters & Compliance	
Voltage Rating	1100 V (1.1kV)
Test Voltage	3000 V AC
Standards	IS 1554 (Part-1), IEC 60502-1
Certifications	CE, RoHS Compliant, ISO 9001

AUTOMOTIVE CABLE SINGLE CORE

HFSS

Wire harness of low-tension electric circuits for automobiles.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Class 5/6 flexible conductor stranding for dynamic ...
- ✓ Excellent resistance to oils, chemicals, and industria...
- ✓ High shielding coverage for superior noise suppress...
- ✓ Tested for continuity and high-voltage insulation st...

APPLICATIONS

- CNC machine automation panels
- Appliance motor wiring
- Switchboard control instrumentation
- Industrial sensor networks

TECHNICAL DATA & APPROVALS

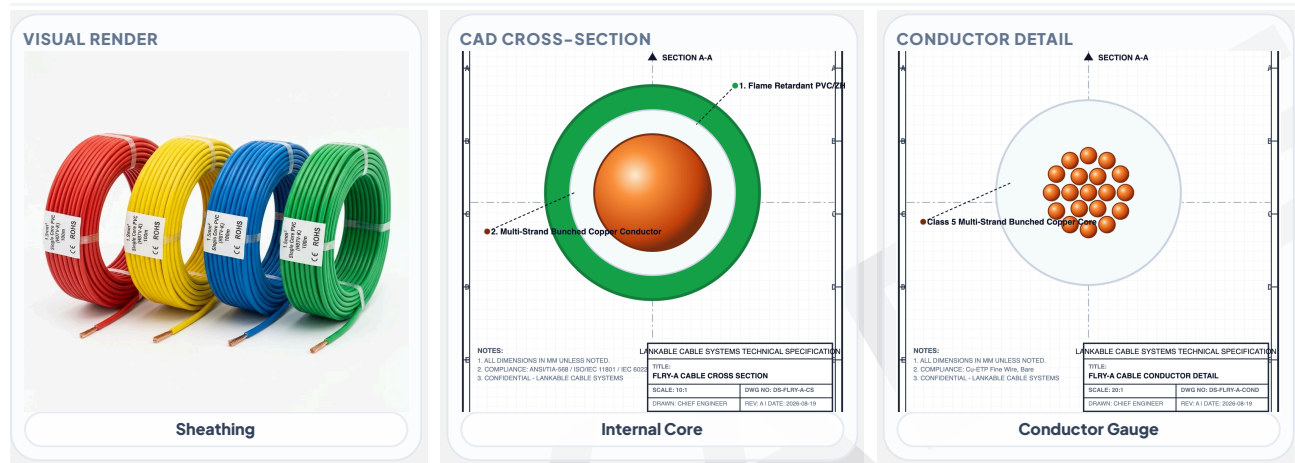
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	Class 2 Stranded Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		

AUTOMOTIVE CABLE SINGLE CORE

FLRY-A CABLE

Fine-wire, highly flexible automotive cable with soft-annealed electrolytic copper conductor and soft-PVC insulation per ISO 6722-1 Class B. Flame retardant to EN 60332-1-2, suitable for both low and high temperature vehicle wiring.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Cu-ETP fine wire bare copper conductor
- ✓ Soft-PVC thin-wall insulation per ISO 6722-1 Class B
- ✓ 60V DC / 25V AC voltage rating, withstanding 3,00...
- ✓ Lead-free PVC with excellent petrol and chemical r...

APPLICATIONS

- Automotive body and engine-bay wiring harnesses
- Applications requiring tight bend radius and vibration resistance
- 12V and 24V vehicle electrical systems
- Petrol, chemical, and abrasion-exposed routing

TECHNICAL DATA & APPROVALS

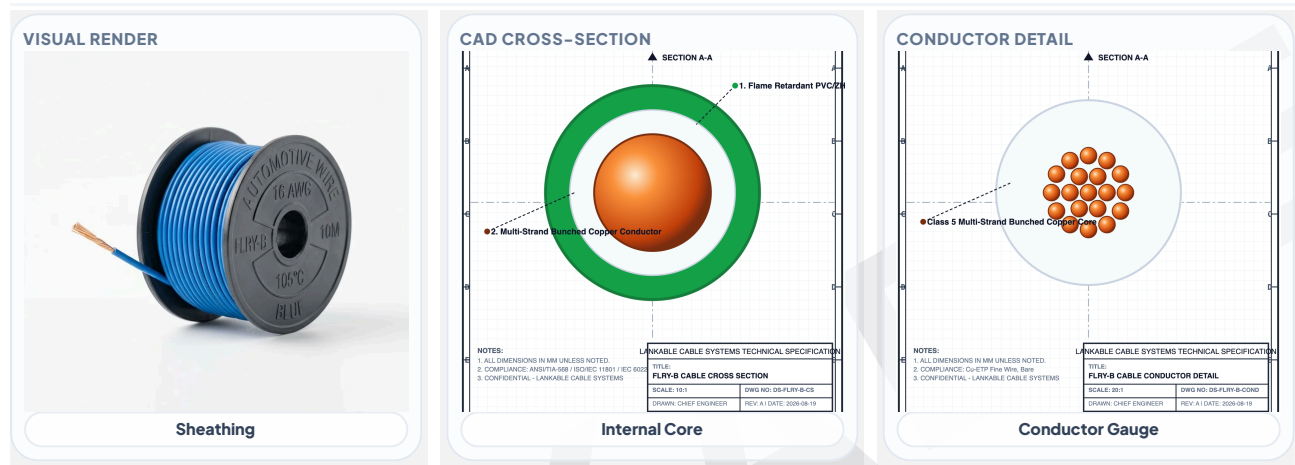
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	Class 2 Stranded Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		

AUTOMOTIVE CABLE SINGLE CORE

FLRY-B CABLE

Fine-wire, highly flexible automotive cable — the thin-wall counterpart to FLRY-A — with soft-annealed electrolytic copper conductor and soft-PVC insulation per ISO 6722-1 Class B, for space- and weight-constrained harness routing.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Cu-ETP fine wire bare copper conductor with fine-...
- ✓ Soft-PVC thin-wall insulation per ISO 6722-1 Class B
- ✓ Weight-critical and space-constrained automotive ...
- ✓ Lead-free PVC with excellent chemical and abrasio...

APPLICATIONS

- Compact, weight-critical automotive harness routing
- Applications requiring tight bend radius and vibration resistance
- 12V and 24V vehicle electrical systems
- Petrol, chemical, and abrasion-exposed routing

TECHNICAL DATA & APPROVALS

MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	Class 2 Stranded Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		

HEAVY INDUSTRIAL SYSTEMS**INDUSTRIAL CABLES**

Multi-core control cables, shielded instrumentation lines, and pair/triad communication networks. Designed for low-latency telemetry and noise-immune sensor feedback in smart manufacturing plants.

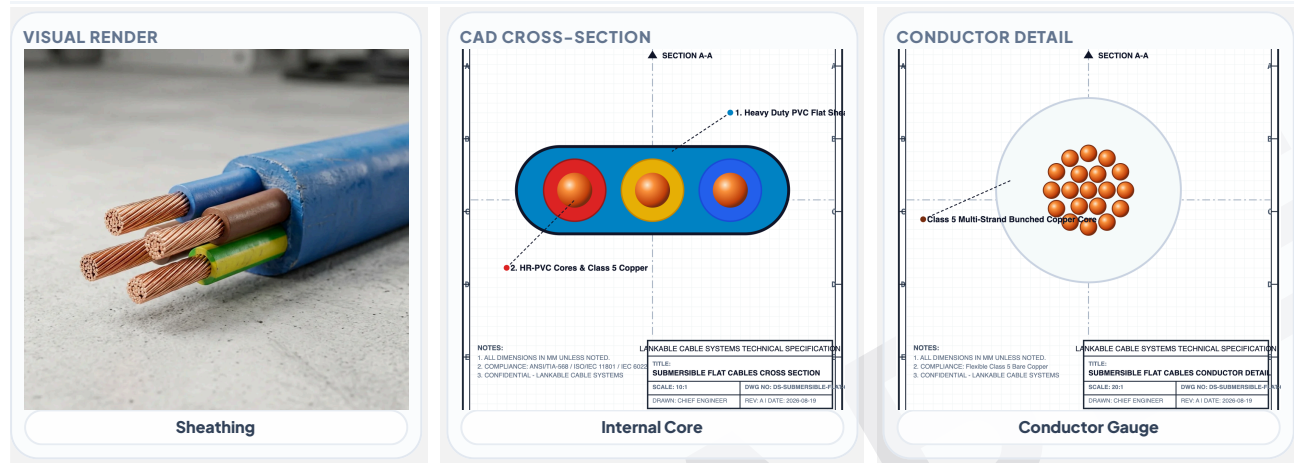
- STANDARDS COMPLIANT
- 100% TESTED

AGRICULTURAL CABLES

SUBMERSIBLE FLAT CABLES

Specialized water-resistant flat cables engineered to connect submersible water pump motors under severe moisture conditions. Features high-quality water-impermeable insulation sheathing.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Class 5/6 flexible conductor stranding for dynamic ...
- ✓ Excellent resistance to oils, chemicals, and industria...
- ✓ High shielding coverage for superior noise suppress...
- ✓ Tested for continuity and high-voltage insulation st...

APPLICATIONS

- CNC machine automation panels
- Appliance motor wiring
- Switchboard control instrumentation
- Industrial sensor networks

DIMENSION CHARACTERISTICS

CORE CONFIGURATION	NOMINAL AREA	CURRENT RATING	NOMINAL OUTER DIMENSIONS
3 Core Flat	1.5 sq mm	16 Amps	5.0 mm x 11.2 mm
3 Core Flat (Recommended)	2.5 sq mm	22 Amps	5.8 mm x 13.0 mm

TECHNICAL DATA & APPROVALS

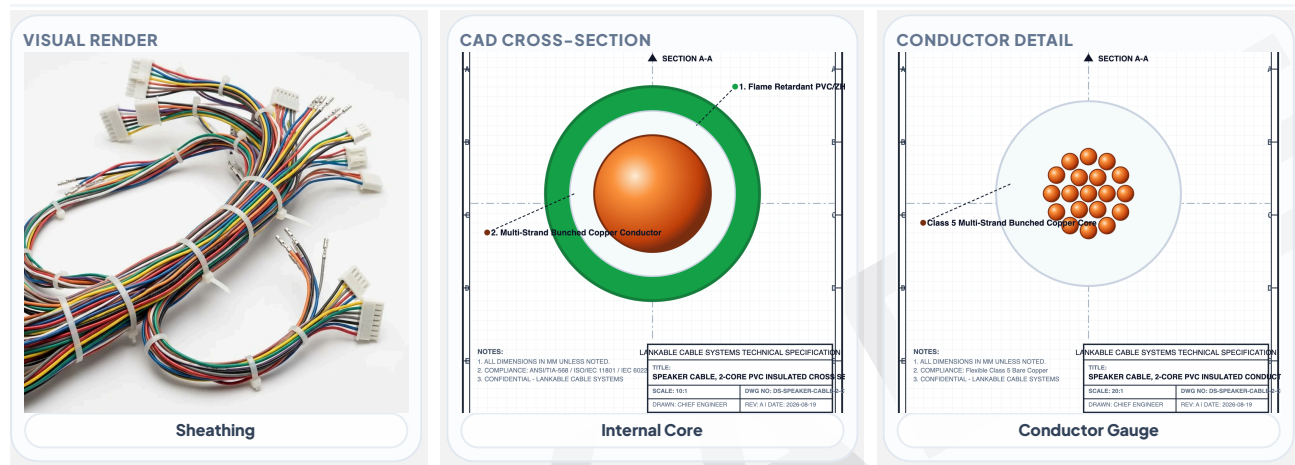
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor Metallurgy	Class 5 Flexible Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	FR-PVC	Test Voltage	3000 V AC
Flame Retardant	FR Grade	Max Operating Temp	70 °C
Bend Radius (Fixed)	6 x OD	National Standard	IS 694:2010 (Quality Assured)
Toxicity Index	N/A	Flame Standards	IEC 60332-1
Oxygen Index	> 21%	Certifications	CE, RoHS, ISO 9001

BUILDING WIRES (INDIA)

SPEAKER CABLE, 2-CORE PVC INSULATED

Recommended for speakers, public address systems; clear, distortion-free voice with low dB loss.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ High dielectric insulation strength
- ✓ Corrosion-resistant copper/aluminum conductors
- ✓ Self-extinguishing, flame-retardant outer sheathing
- ✓ Designed to carry high current loads with minimum ...

APPLICATIONS

- Residential building electrification
- Power sub-station grids
- Heavy machine electricity feeds
- Outdoor streetlighting grids

TECHNICAL DATA & APPROVALS

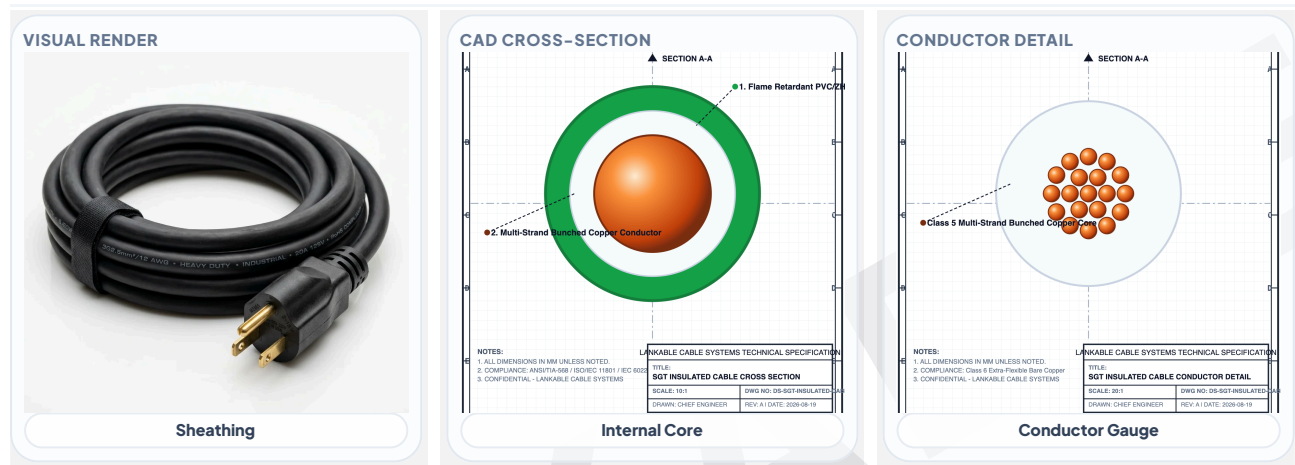
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	Class 2 Stranded Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		

BATTERY CABLES

SGT INSULATED CABLE

Low-tension electric wire for automobiles; general purpose, heat-resistant circuits.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ High dielectric insulation strength
- ✓ Corrosion-resistant copper/aluminum conductors
- ✓ Self-extinguishing, flame-retardant outer sheathing
- ✓ Designed to carry high current loads with minimum ...

APPLICATIONS

- Residential building electrification
- Power sub-station grids
- Heavy machine electricity feeds
- Outdoor streetlighting grids

TECHNICAL DATA & APPROVALS

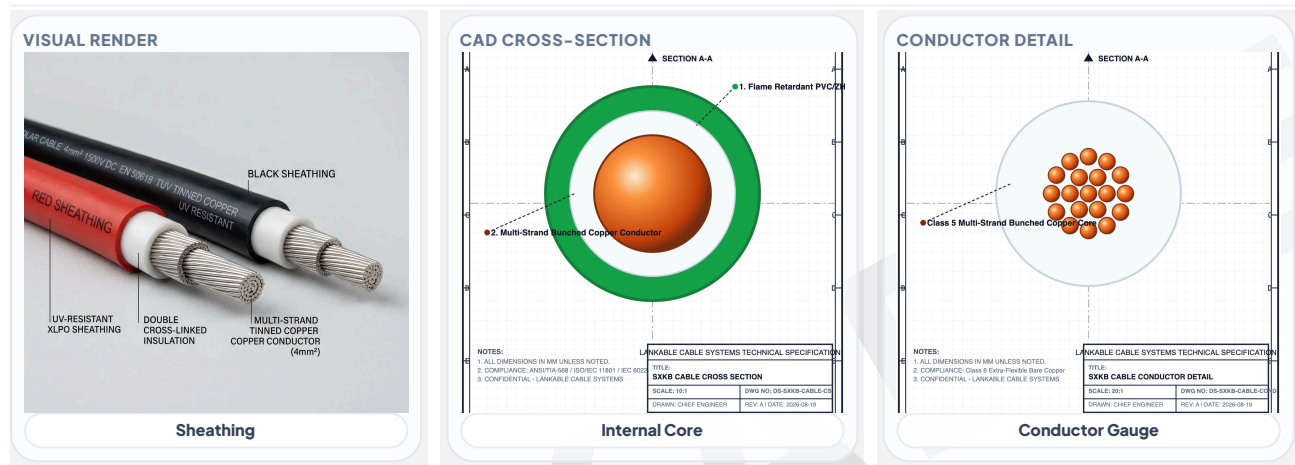
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	Class 2 Stranded Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		

BATTERY CABLES

SXKB CABLE

Intended for use as battery cable.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ High dielectric insulation strength
- ✓ Corrosion-resistant copper/aluminum conductors
- ✓ Self-extinguishing, flame-retardant outer sheathing
- ✓ Designed to carry high current loads with minimum ...

APPLICATIONS

- Residential building electrification
- Power sub-station grids
- Heavy machine electricity feeds
- Outdoor streetlighting grids

TECHNICAL DATA & APPROVALS

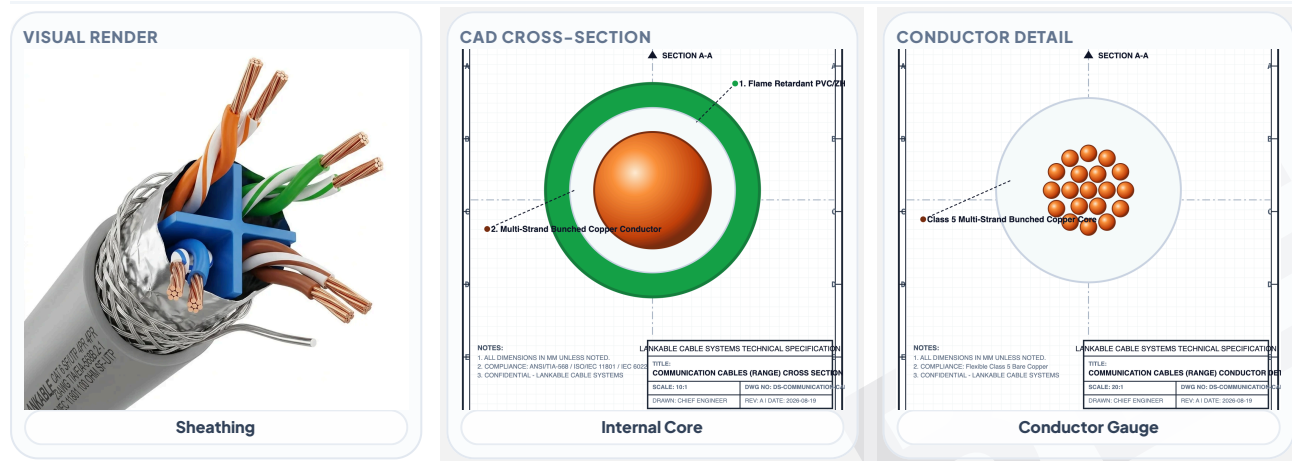
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	Class 2 Stranded Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		

COMMUNICATION CABLE

COMMUNICATION CABLES (RANGE)

Specialized cables designed to transmit data, voice, or video signals between devices, short or long distances.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ High-speed data transmission support
- ✓ Twisted pair configuration to minimize crosstalk
- ✓ Low attenuation and signal loss over long distances
- ✓ Flame-retardant outer sheath for fire safety

APPLICATIONS

- Local Area Networks (LAN)
- Database telecommunications
- Office IP telephony
- Smart home device networking

DIMENSION CHARACTERISTICS

CONDUCTOR SIZE / STANDARD	NOMINAL OD	CONDUCTOR DC RESISTANCE	VELOCITY OF PROPAGATION
AWG 23 (Solid 0.57mm Conductor - Rec.)	6.2 mm	< 7.30 Ω/100m	69%
AWG 24 (Solid 0.51mm Conductor)	5.8 mm	< 9.38 Ω/100m	67%
AWG 25 (Solid 0.455mm Conductor)	5.5 mm	< 12.2 Ω/100m	66%

TECHNICAL DATA & APPROVALS

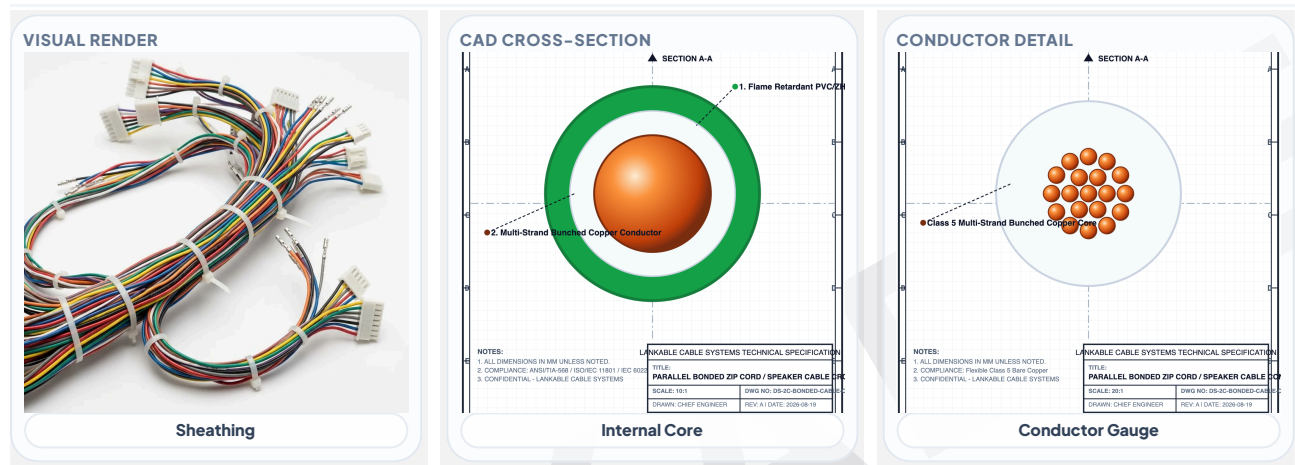
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	24 AWG (0.51mm) Solid Bare C...	Bandwidth	100 MHz
Insulation	High-Density Polyethylene (HD...	Impedance	100 ± 15 Ω
Shielding	U/UTP (Unshielded)	DC Resistance	< 9.38 Ω/100m @ 20 °C
Jacket	Flame-Retardant PVC Grey	Velocity of Prop	67%
Bend Radius (Fixed)	4 x OD	Standards	ANSI/TIA-568-C.2, ISO/IEC 11...
Temp Range	-20 °C to +70 °C	Flame Retardancy	IEC 60332-1-2 / UL 1581 VW-1
Outer Diameter	5.4 mm	Environmental	RoHS Compliant

SPEAKER WIRES

PARALLEL BONDED ZIP CORD / SPEAKER CABLE

Low-tension electric wire; works well in high & low temperature conditions.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Class 5/6 flexible conductor stranding for dynamic ...
- ✓ Excellent resistance to oils, chemicals, and industria...
- ✓ High shielding coverage for superior noise suppress...
- ✓ Tested for continuity and high-voltage insulation st...

APPLICATIONS

- CNC machine automation panels
- Appliance motor wiring
- Switchboard control instrumentation
- Industrial sensor networks

TECHNICAL DATA & APPROVALS

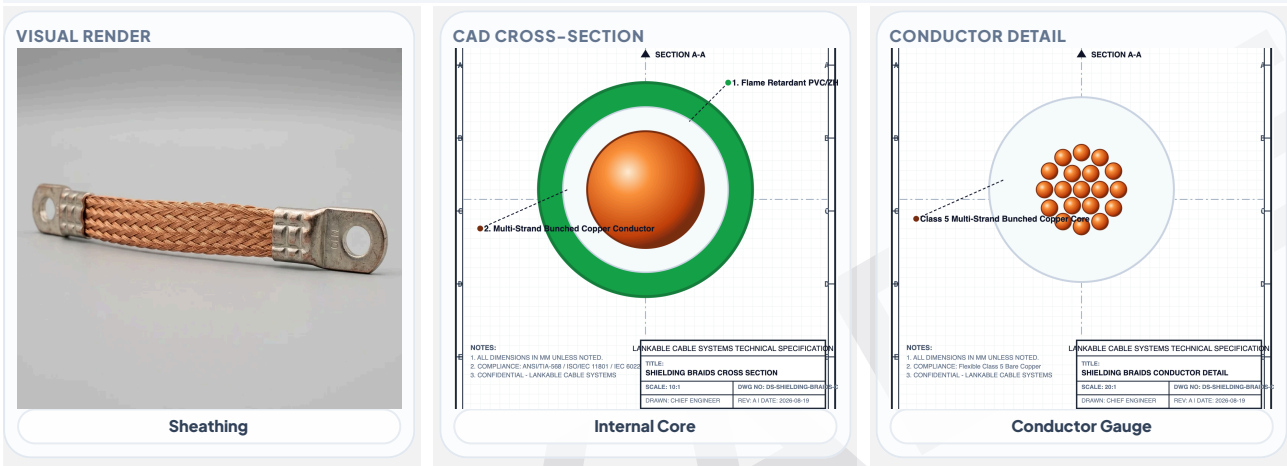
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	Class 2 Stranded Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		

CONDUCTOR BRAIDS

SHIELDING BRAIDS

Power distribution, telecommunication, medical, automotive industries; earth ground connections.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Class 5/6 flexible conductor stranding for dynamic ...
- ✓ Excellent resistance to oils, chemicals, and industria...
- ✓ High shielding coverage for superior noise suppress...
- ✓ Tested for continuity and high-voltage insulation st...

APPLICATIONS

- CNC machine automation panels
- Appliance motor wiring
- Switchboard control instrumentation
- Industrial sensor networks

TECHNICAL DATA & APPROVALS

MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	Class 2 Stranded Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		

Power distribution, telecommunication, medical, automotive industries; earth ground connections.

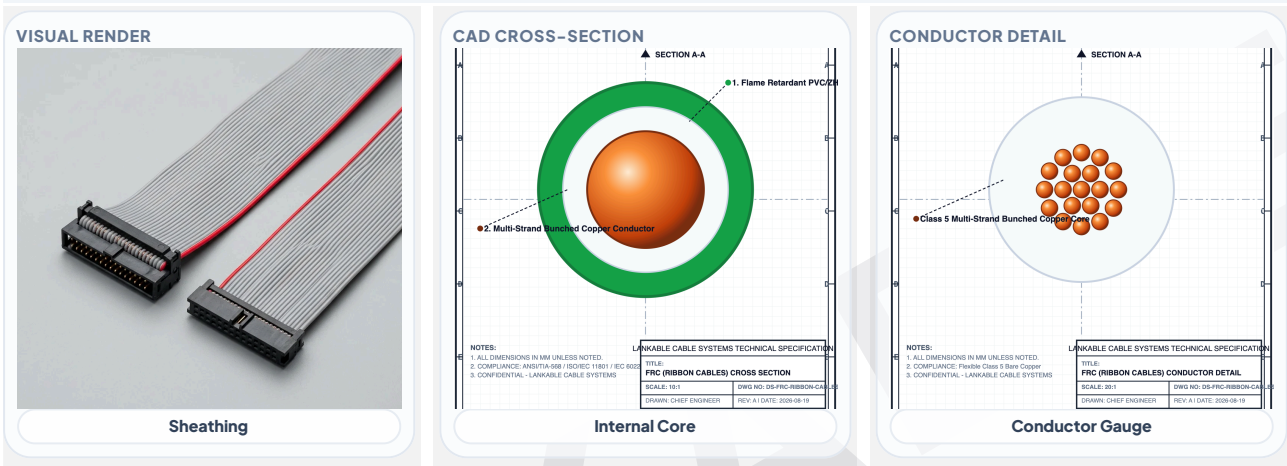
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FRC (RIBBON CABLES)

FRC (RIBBON CABLES)

Flat ribbon conductor cables.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Class 5/6 flexible conductor stranding for dynamic ...
- ✓ Excellent resistance to oils, chemicals, and industria...
- ✓ High shielding coverage for superior noise suppress...
- ✓ Tested for continuity and high-voltage insulation st...

APPLICATIONS

- CNC machine automation panels
- Appliance motor wiring
- Switchboard control instrumentation
- Industrial sensor networks

TECHNICAL DATA & APPROVALS

MATERIALS & PHYSICAL PROPERTIES

Conductor	Class 2 Stranded Bare Copper
Insulation	PVC / XLPE Insulation
Outer Sheath	FR-PVC (Flame Retardant PVC)
Bend Radius (Fixed)	12 x OD
Flame Retardancy	IEC 60332-1-2

ELECTRICAL PARAMETERS & COMPLIANCE

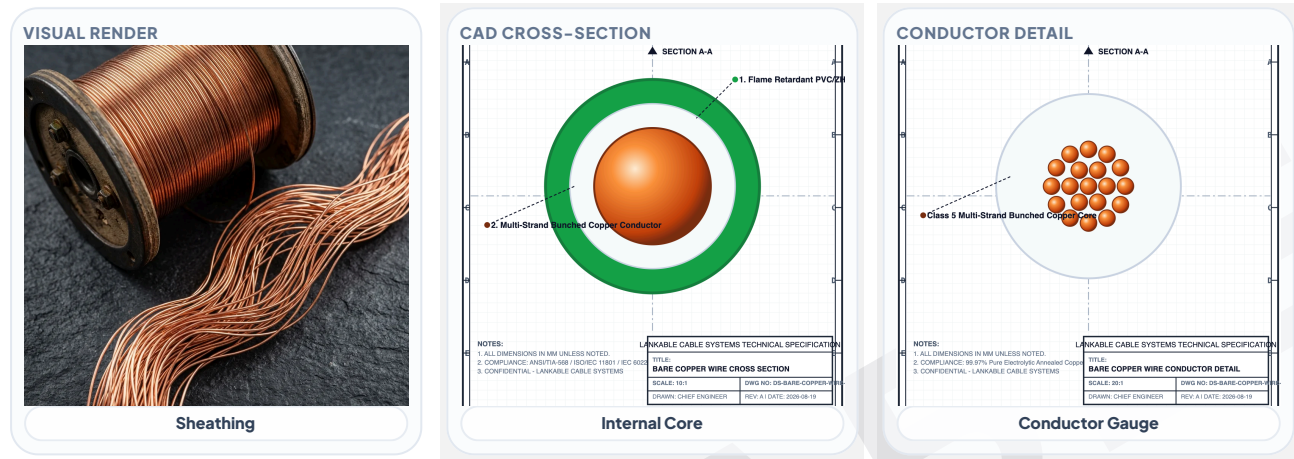
Voltage Rating	1100 V (1.1 kV)
Test Voltage	3000 V AC
Standards	IS 1554 (Part-1), IEC 60502-1
Certifications	CE, RoHS Compliant, ISO 9001

COPPER

BARE COPPER WIRE

Hard-drawn / soft / concentric-lay-stranded copper conductor; aerial power transmission, grounding.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ 99.97% high-purity electrolytic grade copper
- ✓ Uniform conductor gauge and diameter tolerances
- ✓ High electrical conductivity exceeding 101% IACS
- ✓ Annealed soft temper for outstanding winding flexi...

APPLICATIONS

- Industrial rewinding coils
- Grounding / Earth straps
- Cabling conductors core fabrication
- Appliance wiring pins

DIMENSION CHARACTERISTICS

WIRE DIAMETER	NOMINAL WEIGHT	ELECTRICAL CONDUCTIVITY	TENSILE STRENGTH
0.15 mm	0.157 kg per 1000m	100% IACS	220-250 N/mm ²
0.20 mm (Recommended)	0.279 kg per 1000m	100% IACS	220-250 N/mm ²

TECHNICAL DATA & APPROVALS

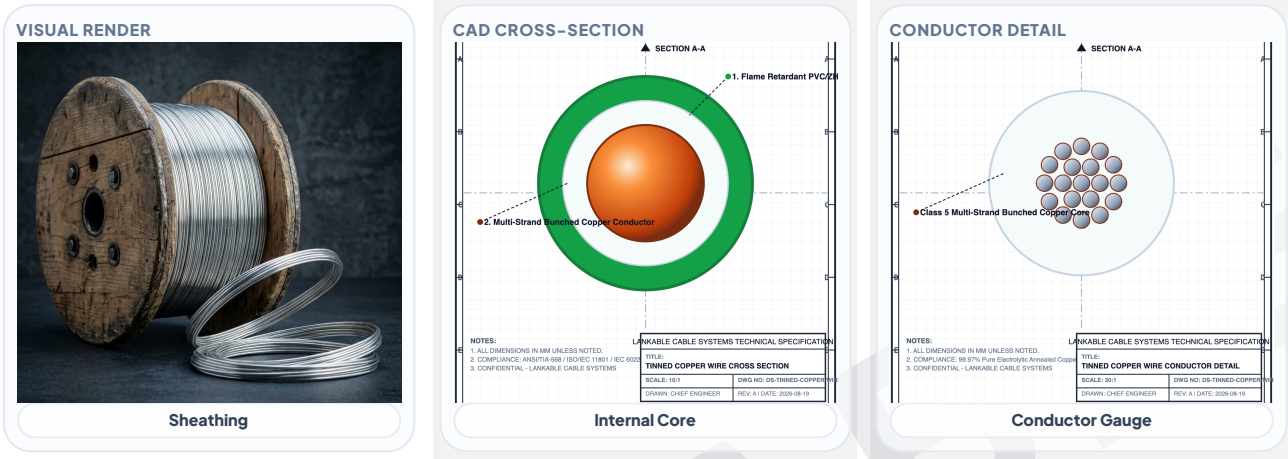
MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Copper Grade	ETP Grade	Conductivity	≥101.5% IACS
Purity	Min 99.97% Pure Copper	Resistivity @ 20°C	0.017241 Ω·mm ² /m
Surface Coating	Bright Annealed Bare	Global Standards	ASTM B3, BS EN 13602, IS 8130
Hardness State	Soft Annealed	RoHS & REACH	100% Compliant
Tensile Strength	200 - 250 N/mm ²		
Elongation at Break	Min 25% to 35%		

COPPER

TINNED COPPER WIRE

Copper wire coated with tin layer for corrosion resistance and improved solderability.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ 99.97% high-purity electrolytic grade copper
- ✓ Uniform conductor gauge and diameter tolerances
- ✓ High electrical conductivity exceeding 101% IACS
- ✓ Annealed soft temper for outstanding winding flexi...

APPLICATIONS

- Industrial rewinding coils
- Grounding / Earth straps
- Cabling conductors core fabrication
- Appliance wiring pins

DIMENSION CHARACTERISTICS

WIRE DIAMETER	NOMINAL WEIGHT	ELECTRICAL CONDUCTIVITY	TENSILE STRENGTH
0.15 mm	0.157 kg per 1000m	100% IACS	220-250 N/mm ²
0.20 mm (Recommended)	0.279 kg per 1000m	100% IACS	220-250 N/mm ²

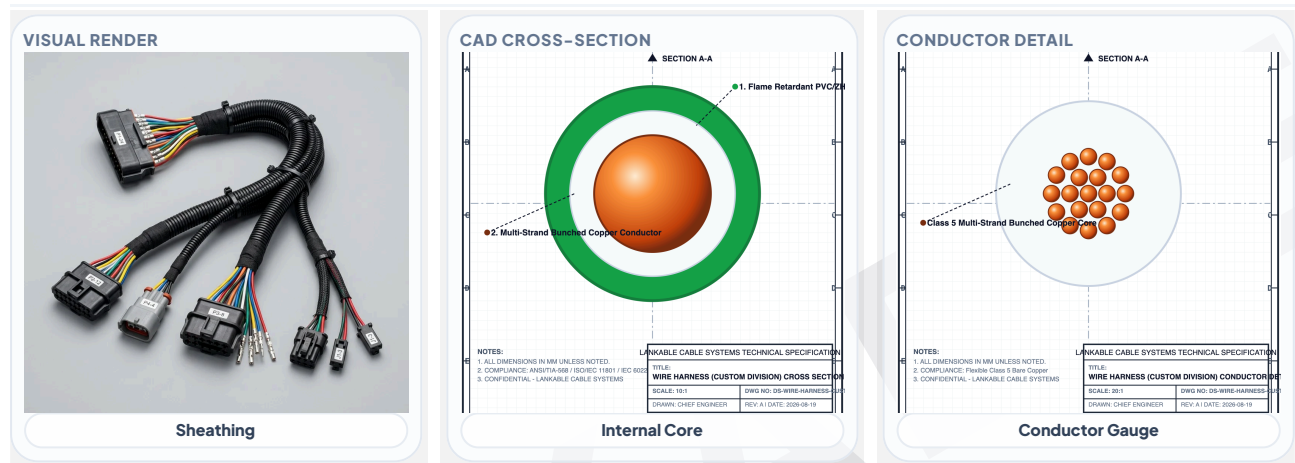
TECHNICAL DATA & APPROVALS

MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Copper Grade	ETP Grade	Conductivity	≥100% IACS
Purity	Min 99.97% Pure Copper	Resistivity @ 20°C	0.017241 Ω·mm ² /m
Surface Coating	Electroplated Tin	Global Standards	ASTM B3, BS EN 13602, IS 8130
Hardness State	Soft Annealed	RoHS & REACH	100% Compliant
Tensile Strength	200 - 250 N/mm ²		
Elongation at Break	Min 25% to 35%		

WIRE HARNESS (CUSTOM DIVISION)

Organized assembly of wires, cables, connectors & terminals; automotive, aerospace, industrial, consumer electronics.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ Class 5/6 flexible conductor stranding for dynamic ...
- ✓ Excellent resistance to oils, chemicals, and industria...
- ✓ High shielding coverage for superior noise suppress...
- ✓ Tested for continuity and high-voltage insulation st...

APPLICATIONS

- CNC machine automation panels Appliance motor wiring
- Switchboard control instrumentation Industrial sensor networks

TECHNICAL DATA & APPROVALS

Materials & Physical Properties	
Conductor	Class 2 Stranded Bare Copper
Insulation	PVC / XLPE Insulation
Outer Sheath	FR-PVC (Flame Retardant PVC)
Bend Radius (Fixed)	12 x OD
Flame Retardancy	IEC 60332-1-2

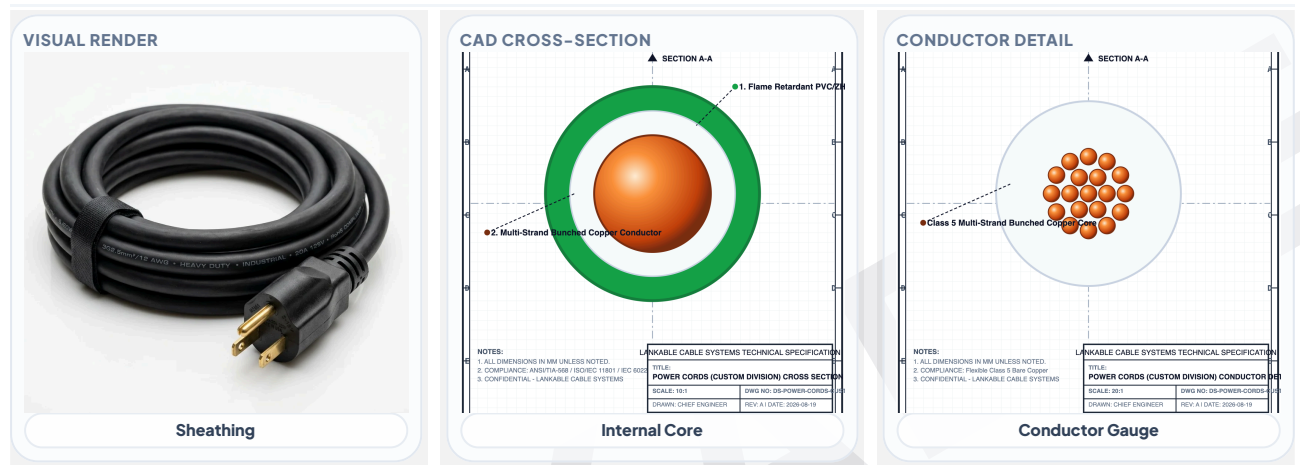
Electrical Parameters & Compliance	
Voltage Rating	1100 V (1.1kV)
Test Voltage	3000 V AC
Standards	IS 1554 (Part-1), IEC 60502-1
Certifications	CE, RoHS Compliant, ISO 9001

POWER CORDS

POWER CORDS (CUSTOM DIVISION)

Electrical cables that safely connect appliances to power sources.

PRODUCT BUILD UP (SCHEMATICS)



PRODUCT FEATURES

- ✓ High dielectric insulation strength
- ✓ Corrosion-resistant copper/aluminum conductors
- ✓ Self-extinguishing, flame-retardant outer sheathing
- ✓ Designed to carry high current loads with minimum ...

APPLICATIONS

- Residential building electrification
- Power sub-station grids
- Heavy machine electricity feeds
- Outdoor streetlighting grids

TECHNICAL DATA & APPROVALS

MATERIALS & PHYSICAL PROPERTIES		ELECTRICAL PARAMETERS & COMPLIANCE	
Conductor	Class 2 Stranded Bare Copper	Voltage Rating	1100 V (1.1 kV)
Insulation	PVC / XLPE Insulation	Test Voltage	3000 V AC
Outer Sheath	FR-PVC (Flame Retardant PVC)	Standards	IS 1554 (Part-1), IEC 60502-1
Bend Radius (Fixed)	12 x OD	Certifications	CE, RoHS Compliant, ISO 9001
Flame Retardancy	IEC 60332-1-2		

LET'S CONNECT

THANK YOU.

For technical datasheets, bulk pricing quotes, custom wire configurations, or dealer documentation, reach out to our engineering sales division.



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