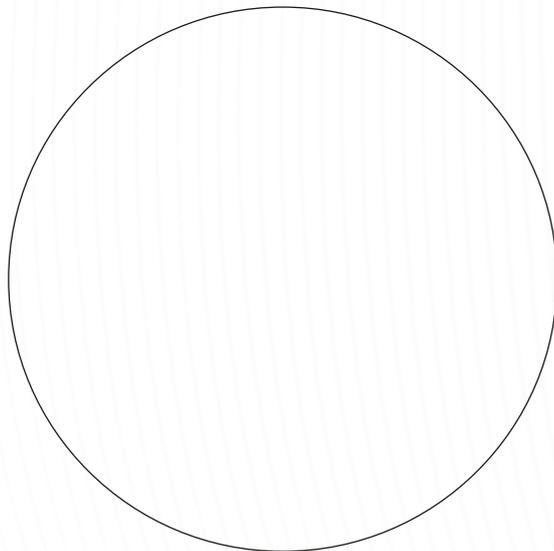




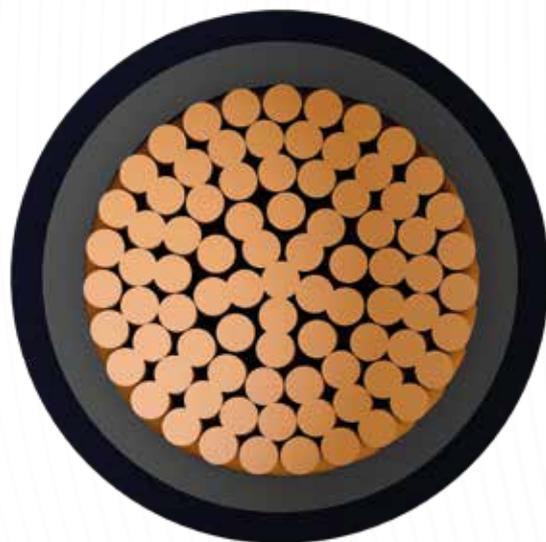
شركة مجموعة كابلات الرياض  
Riyadh Cables Group Company

Be Seen, Get Connected

# COMPANY PROFILE



# COMPANY PROFILE





# WHO

We  
Are

**RIYADH CABLES** are a pioneer in the Wire and Cable industry in Middle East. Spread on over 1,850,000 Square meter in 22 location. The company manufactures and supplies all types of wire and cables, from its latest state of art facilities in Riyadh/Saudi Arabia, United Arab Emirates and Iraq Republic. Ever since the company is established, in 1984, it ensures a comprehensive quality management program which is in charge of evaluating and monitoring all corrective and proactive action plans.

## **NATIONAL CABLES INDUSTRIES (NCI)**

Was established in 2001 in the Emirate of Sharjah (UAE) on a spacious area of 100,000 square meter. In this region, the manufacturing facility is the most modern using latest art of machinery technology and management system to deliver good quality products. The foresight in understanding the future needs of the market as well as the technical expertise is an essential strategy at NCI in it's continuous journey of production improvement.

## **ALROWAD CO. FOR PRODUCTION OF CABLES**

Al Rowad Co. is the first investment company in Iraq that specializes in the manufacturing of low and medium voltage cables. The company is located in an area of more than 75,000 square meters in South Baghdad. It has purchased the latest production lines, equipment, and quality testing devices in accordance with the international quality standards. This has qualified us for the most important international quality certificates (KEMA and ISO 45001 ,14001 ,9001), which has placed the factory in a distinguished position in the Middle East.





# BASEC

BRITISH APPROVALS SERVICE FOR CABLES

## OUR Main Resources

- ★ Facilities spread over 1,850,000m<sup>2</sup> across 22 locations.
- ★ Team of 3500 employees.
- ★ Turnover of USD 1.8 Billion (6 Billion SAR)
- ★ Automated Business process with SAP ERP System
- ★ Number #1 in Middle East North Africa market for Sales.
- ★ Number #4 Worldwide in Sales.
- ★ Having systems quality and product quality
- ★ Approved Products with main Utility worldwide
- ★ Business certifications, including but not limited to:

- ★ ISO 9001:2015 (Quality Management System)
- ★ ISO 14001:2015 (Environmental Management System)
- ★ ISO 45001:2018 (Occupational health and safety Management System)
- ★ OHSAS 18001:2007 (Health and Safety Management System)
- ★ SASO Quality Mark (The Saudi Standards, Metrology and quality organization)
- ★ ESMA Quality Mark (The Emirates Authority for Standardization & Metrology)



# OUR Commitment

We are committed in achieving continuous improvement of the products, by improving wire and cable design and manufacturing capabilities in all our product lines of Low, Medium and High Voltage cables up to 500KV, electric wire, overhead conductors, telephone – Copper and fiber optic cables, supported by in-house manufacture of 8.0 mm diameter Copper Rod, 9.5 mm diameter Aluminum Rod, PVC (polyvinyl chloride), low voltage XLPE(cross-linked polyethylene), LSHF (low smoke halogen free) and drums, satisfying market and customer requirements, based on our ability to manufacture and supply products comparing amongst others, to the following standards:

- ★ BS (British Standard)
- ★ IEC (international Electro Technical Commission)
- ★ SASO (The Saudi Standards, Metrology and Quality Organization)
- ★ STC(Saudi Telecom Company)
- ★ VDE (Association of Electrical Engineering)
- ★ DIN (German Institute for Standard)
- ★ UL, ASTM (American Society for Testing and Material)



# OUR

## Group Companies

We act locally and internationally via our following Group of companies / subsidiaries:

- ★ Riyadh Cables Group Company (RCGC)
- ★ Saudi Modern Company for Metal, cables and plastic industry(RMC)
- ★ Saudi Modern Company for specialized Electrical Cables and wire industry(RCC)
- ★ Saudi Modern Company for Telephone Cable Industry(RTC)
- ★ National Cables Industry (NCI) United Arab Emirate (UAE)
- ★ Alrowad Cables Company (Iraq).





# OUR

## Vision

To be a major manufacturer in a broad range of electrical cables covering Wires, Control Cables, Telephone Cables, Optical Fiber Cables, Low, Medium, High and Extra High Voltage Power cables.





# OUR

## Mission

Continuously growing through providing superior services and solutions to our products used worldwide in the fields of energy, general construction, oil & gas, renewables, industrial, defense, rail, transport, mining and other specialty industry verticals, by investing heavily in research and developments, quality , system and human resources .







# OUR Products

## Power Cable:

- ★ Low Voltage cables
- ★ Low Voltage sheathed
- ★ Medium Voltage cables
- ★ Medium Voltage sheathed cables
- ★ High Voltage & Extra high voltage cables up to 400KV
- ★ Fire Survival Cable (fire resistant, redandant and low smoke Halogen Free Cables)
- ★ Control Cables
- ★ Wires

## Communication Cables:

- ★ Telephone Cables
- ★ Fiber Optic Cables

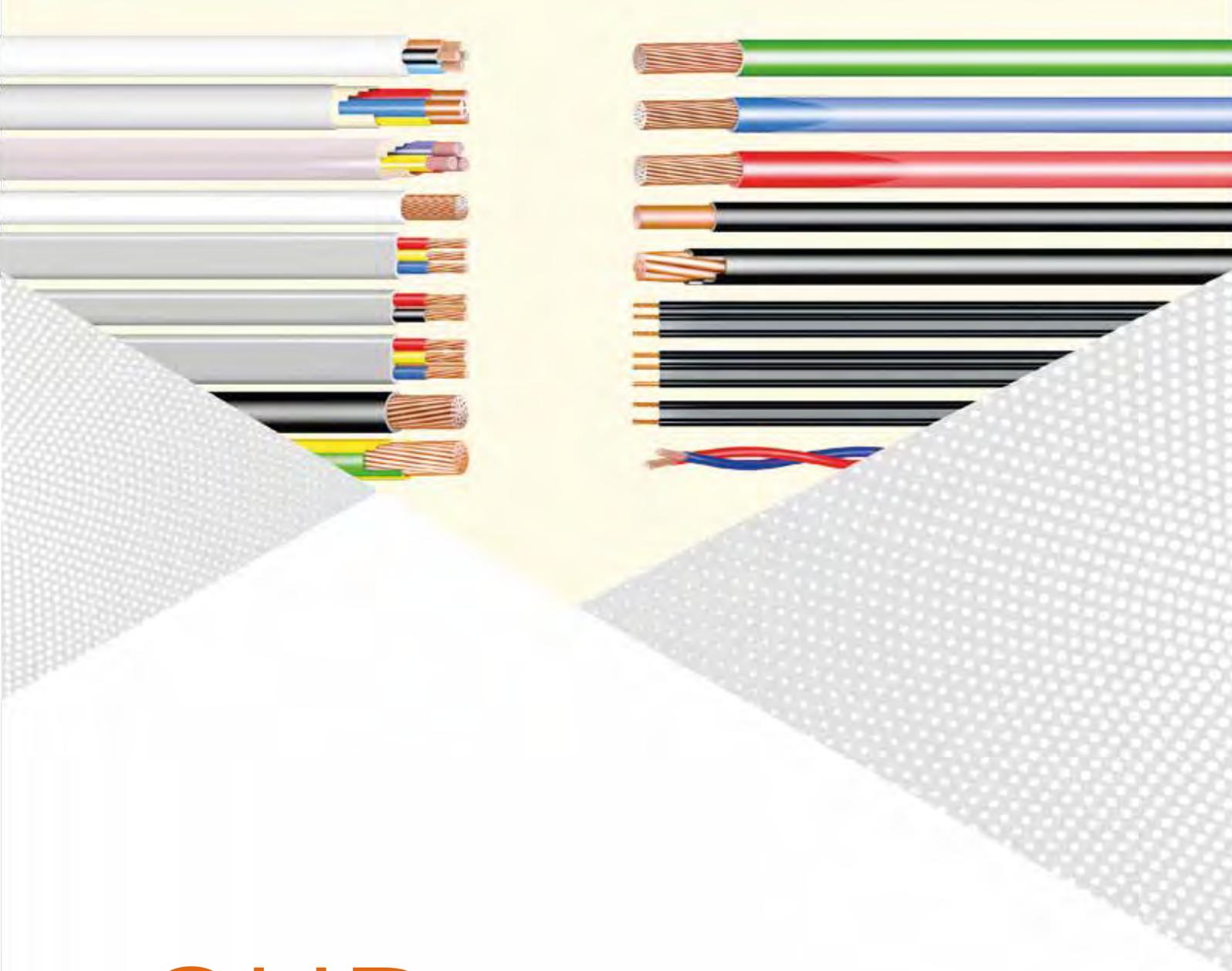
## Overhead line conductors:

- ★ (AAC, ACSR, AAAC, ACAR)

Copper & Aluminum rods

PVC Granules

Drums (wood & steel)



# OUR Products

## Wires

Riyadh Cables manufactures wires, cords and wiring cables rated 300/300 V, 300/500 V, 600 V and 450/750 V to be used in the supply of electric power, lighting and internal wiring for residences and offices, and other similar environments of a non-industrial nature as specified in IEC 60227, BS 6004, UL 83 and BS EN 50525-3-41. For fire retardant and low smoke halogen free, cables and wires undergo stringent flame and smoke tests to ensure that they have low emissions of smoke as well as corrosive and toxic fumes.



# OUR Products

## Low Voltage Cables

Low Voltage Cables are used to supply power to large motors and industrial equipment in both residential and industrial settings. At Riyadh Cables, we produce Low Voltage Cables in both PVC and XLPE insulations of copper and aluminium, with armoured and un-armoured designs, and in single or multi-core constructions.

The performance and load specifications of PVC and XLPE insulated cables determine the specific use of Low Voltage Cables. PVC insulated Low Voltage Cables are suitable for permissible continuous conductor operating temperature of either 70°C for standard designs as per IEC 60502-1 or 85°C which is provided upon request. XLPE insulated Low Voltage Cables are suitable for operating temperature of 90°C as per IEC 60502-1

In addition to the regular range of Low Voltage Cables, we are also able to supply Low Voltage Cables with special flame retardant PVC Outer Sheathing to comply with the flame retardant test requirements outlined in IEC 60332-1, IEC 60332-3-22, IEC 60332-3-23 or IEC 60332-3-24. We also manufacture cables with low smoke halogen free (LSHF) material (type .ST8) as per IEC 60502-1



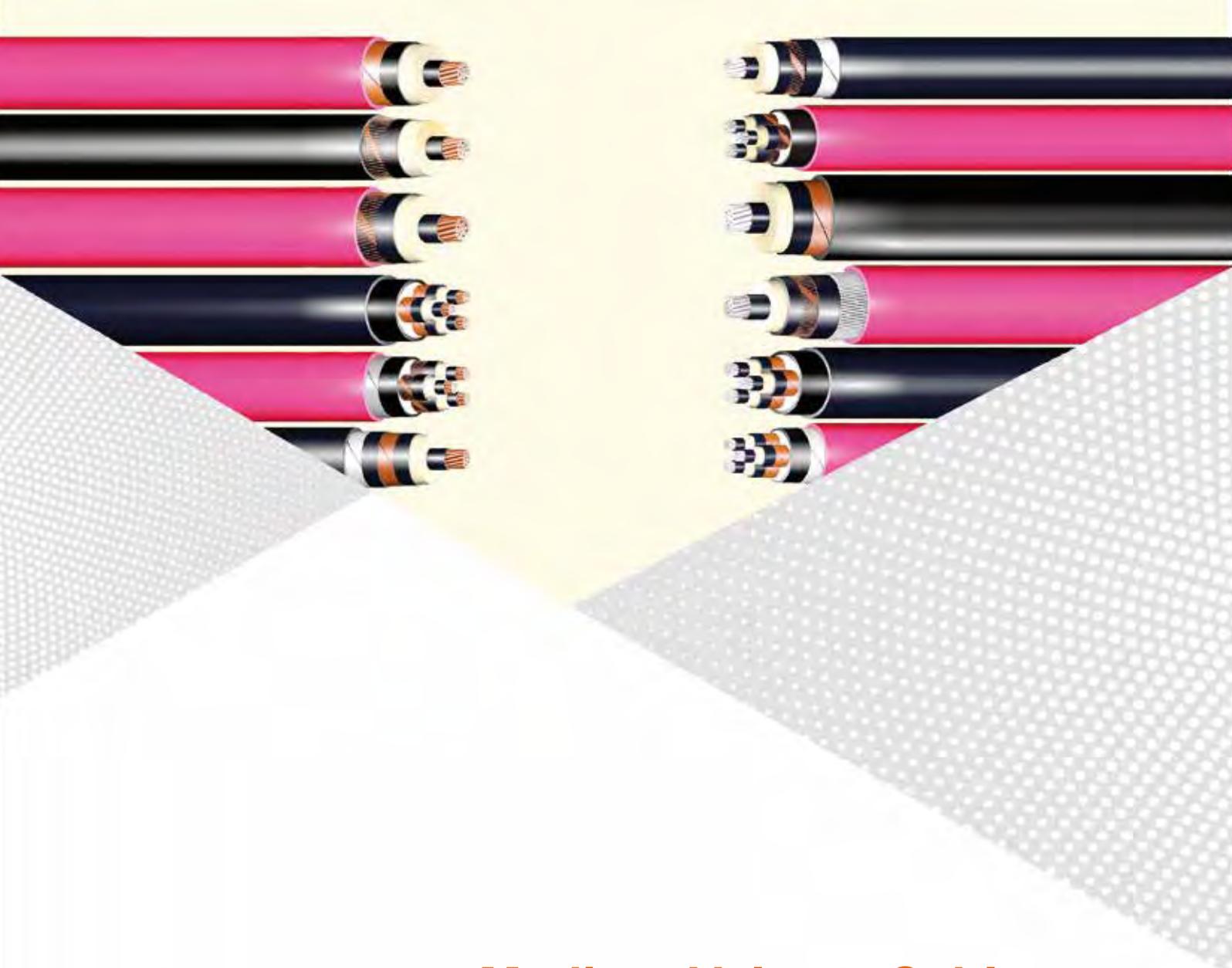
# OUR Products

## LV Lead Sheathed

Low Voltage Lead Sheathed Cables are used mainly in the utilities and petrochemical industries owing to the lead sheathing's resistance to sulfides, water, oil and any corrosive chemicals found in the ground water. They have an extended lifespan, making them a reliable option for large-scale, infrastructure-related uses

At Riyadh Cables, our range of multi-core Low Voltage Lead Sheathed Cables come with XLPE or PVC insulation and the standard sheathing is Extruded Lead Alloy Type PB021K to BS EN 12548 (previously known as type "E") with a nominal thickness as per IEC 60502-1. Special requests can be accommodated for the lead sheathing of varying thicknesses as well

For LV Lead Sheathed Cables, we are able to supply fire retardant PVC, anti-termite / anti-rodent PVC, sunlight resistant PVC, and oil resistant PVC. Special sheathing materials such as low smoke halogen free (LSHF), LLDPE, and MDPE are also available on request



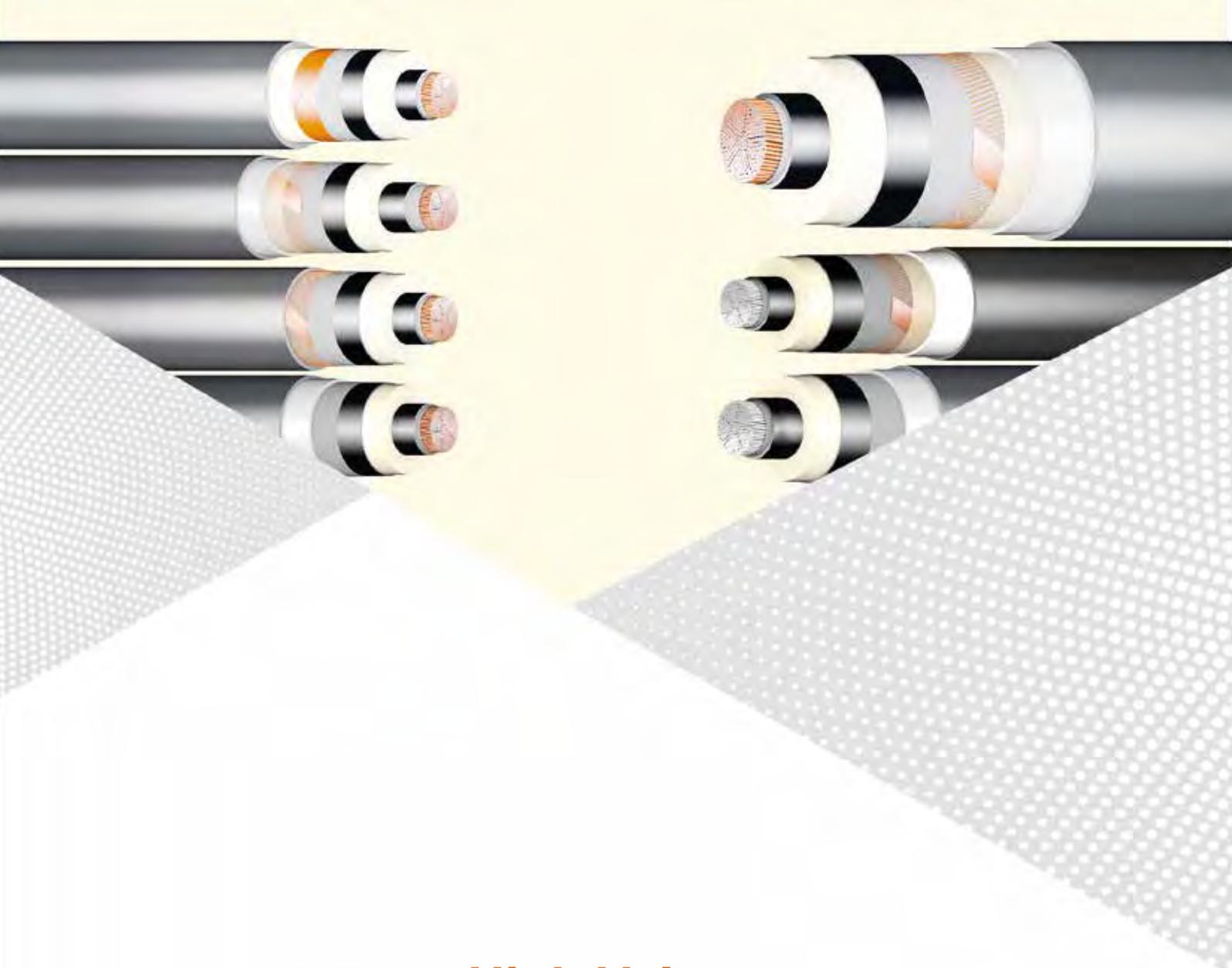
# OUR Products

## Medium Voltage Cables

Medium Voltage Cables support a voltage range between 6 kV and 36 kV, making them ideal for use in infrastructure, including the distribution and transmission of power. With triple-layer Cross Linked Polyethylene (XLPE) insulation, Medium Voltage Cables are highly resistant to both high and low temperatures, as well as moisture and chemicals, ensuring a long lifespan and fewer breakdowns. The use of XLPE also affords the benefits of the material's excellent electrical and mechanical properties, and its low dielectric factor

At Riyadh Cables, all XLPE insulation of our Medium Voltage Cables are done pursuant to standards outlined by IEC 60502-2 and IEC 60811. The conductors used are Stranded Class 2 of plain annealed copper or aluminum, in accordance with IEC 60228

Standard outer sheathing on our Medium Voltage Cables is extruded PVC type ST2; special PVC sheathing can be accommodated on special request; in addition, other sheathing materials such as low smoke halogen free (LSHF), LLDPE, MDPE and HDPE are available on request



# OUR Products

## High Voltage and Extra High Voltage Cables

High voltage power cables (HV): Up to 380 kV, ideal for transmission systems. At Riyadh Cables, all XLPE insulations of our High and Extra High Voltage Cables are done pursuant to standards outlined by IEC 60840 and IEC 62067, as applicable. The conductors used are Stranded Class 2 (round for 800 mm<sup>2</sup> and below and segmental for 1000 mm<sup>2</sup> and above); conductors are of plain annealed copper or aluminum up to 2500 mm<sup>2</sup> in accordance with IEC 60228

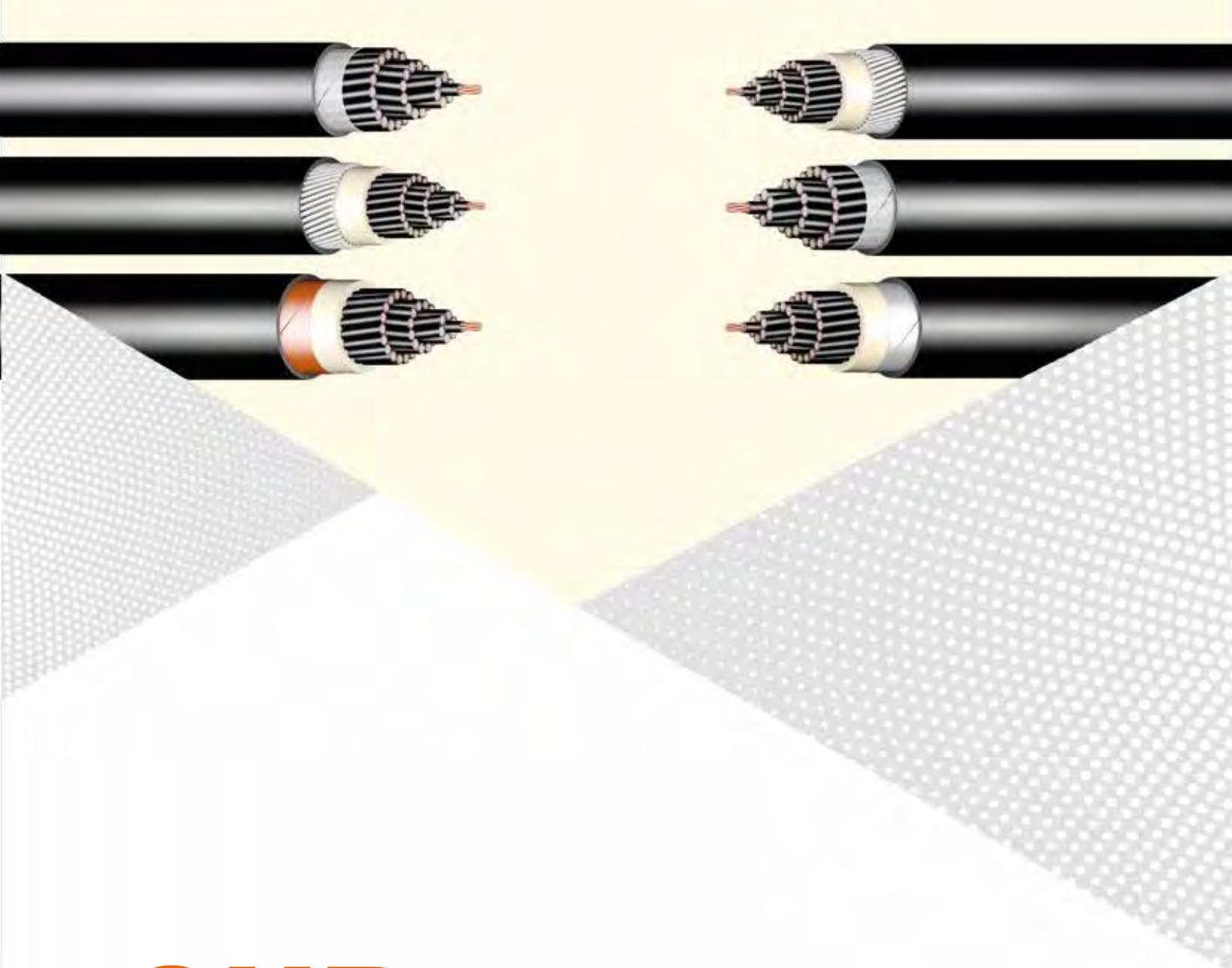
Standard outer sheathing of our High Voltage Cables is extruded HDPE type ST7; other PE sheathing compounds such as LLDPE, LMDPE, and MDPE are available on request



# OUR Overhead Lines Products

At Riyadh Cables, we produce a range of Overhead Lines, all of which are manufactured as per the standards outlined in IEC, BS, BS EN and ASTM specifications, as applicable. Overhead conductors for use up to 500 kV used for long distance power transmission and inter-city connections which include bare hard drawn copper conductors, All Aluminum Conductors (AAC ), All Aluminum Alloy Conductors (AAAC), Aluminum Conductors Steel Reinforced (ACSR), Aluminum Conductors Aluminum Clad Steel Reinforced (ACSR/AW), Aluminum Conductors Aluminum Alloy Reinforced (ACAR), Aluminum Alloy Conductors Steel Reinforced ( AACSR), galvanized Steel Earth wires (GSW) and Alumoweld Earth-wires -AW.

Also included in the production range are Low Voltage PVC/XLPE insulated hard drawn copper conductors, PVC/XLPE insulated AAC conductors and service drop cables (duplex, triplex and quadruplex



# OUR Products

## Control Cables

Control Cables are the cables of choice for control circuits. At Riyadh Cables, we offer a range of Control Cables, with XLPE or PVC insulation, with the option of armour and/or screening. Our Control Cables are manufactured to IEC 60502-1 standards, and the conductors used in the manufacture of our Control Cables are Round Stranded Class 2 to IEC 60228. We can also provide Solid Conductors Class 1 as per IEC 60228 upon request

Special requests can also be accommodated for the outer sheathing of Control Cables. We are able to supply fire retardant PVC, anti-termite / anti-rodent PVC, sunlight resistant PVC, and oil resistant PVC. Special sheathing materials such as low smoke halogen free (LSHF), LLDPE, and MDPE are also available on request



# OUR Products

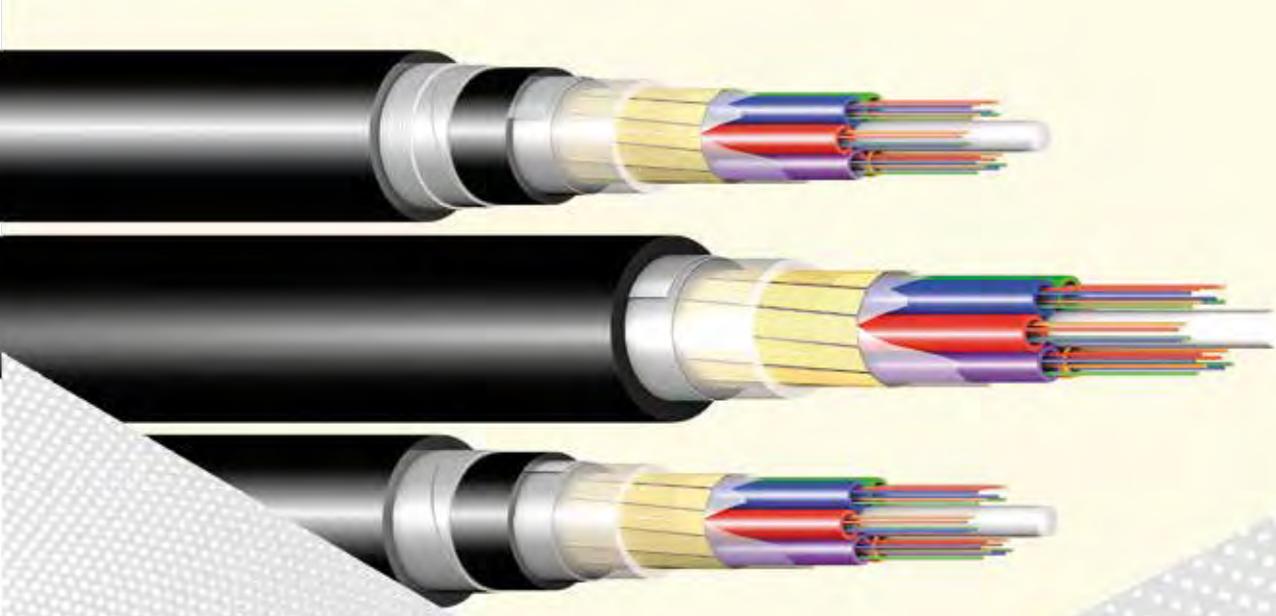
## Copper Telephone Cables

At Riyadh Cables, we produce an extensive range of telephone cables, up to 3,600 pairs, in accordance with specifications supplied by Saudi Telecom, as well as numerous international standards bodies, including:

- ★ IEC (International)
- ★ BS (United Kingdom)
- ★ VDE (Germany)
- ★ NF (France)
- ★ REA (United States of America)

Using the latest manufacturing technology and working from a state-of-the-art production facility, we produce our extensive range of telephone cabling products, which includes:

- ★ Air-Core Telephone Cables
- ★ Jelly-Filled Telephone Cables
- ★ Self-supporting Aerial Telephone Cables
- ★ Indoor PVC Telephone Cables
- ★ Buried Service Telephone Wires
- ★ Indoor Telephone Wires
- ★ Jumper Wires
- ★ Drop Wires
- ★ Pilot Cables



# OUR Products

## Optical Fiber Cables

At Riyadh Cables, we produce Loose Tube Type Cables and Tight Buffer Types Cables for use as fiber optic cables for outdoor and indoor use respectively.

Loose Tube Type Cables are designed to provide extremely reliable transmission quality. They are designed to keep the fibers free from external mechanical forces with the help of thixotropic jelly and ample diametrical width to allow for free elongation of fiber. We can manufacture Loose Tube Type Cables from 2 to 144 fibers; each cable it built withstand even the most severe environmental conditions and are generally produced in Fiber Reinforced Plastic (FRP). On special request, they can be produced using steel.

Tight Buffer Type Cables are designed specifically for use indoors and within controlled environments. They are designed for continuous operation and can be produced from 2 to 24 fibres .



# OUR Products

## LV XLPE compounds

We produce LV XLPE material, which is used as insulation in low voltage cables. LV XLPE compounds are produced to the very best quality specifications and highest purity levels using state-of-the-art machines and the most advanced automatic mixing technology.

## LSHF Compounds

LSHF (Low smoke halogen free) material is used to fill and jacket cables with special characteristics of non-toxic emissions.

## Wooden & Steel Drums

Riyadh Cables Group owns one of the most advanced plants for manufacturing different sizes of wooden and steel drums used in the cables industry. The drums are manufactured on high-speed production lines to the highest quality, with the lowest possible costs and on-time deliveries.



# OUR Products

## Copper Rods

We produce high purity copper rods of 8 mm diameter. These copper rods are used in producing conductors for all types of cables and metallic screens.

## Aluminium Rods

We produce high purity aluminium rods of 9.5 mm diameter. These aluminium rods are used in producing conductors for power cables and overhead line conductors and armouring.

## PVC Granules

At Riyadh Cables, we produce the PVC grades that are required for insulation and sheathing material in cables. Our PVC Granules are produced to the best quality specifications using state-of-the-art machines and the most advanced automatic mixing technology.

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BUSINESSMAN  
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businessman  
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people  
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training  
UNIVERSITY  
TEAMWORK

## Development of Human Resources

Riyadh Cables is contributing to the process of human resource development in Saudi Arabia by attracting nationals to work in all function within the company .mentoring and training these precious human resources have contributed to the continual improvement of individuals and company performance. The management of Riyadh Cables has ambitious development and training program geared to serve the customer and make Riyadh Cables the best.



# Export

Riyadh Cables is more than able to satisfy the local market requirements, established itself as a regional supplier, rapidly expanding its interests outside Saudi Arabia.

In order to execute a competitive and successful exporting policy, the company has recruited an experienced team with the necessary international expertise. Market research has been conducted domestically and internationally, investigating numerous key factors such as geographical issues, demand, trends, prices, competition, channels of supply and customer needs. A promotion campaign has been used to complement the policy of Riyadh Cables as a regional supplier. At the heart of the successful export campaign, Riyadh Cables is able to consistently supply high quality cables on time, as per international accepted standards and at competitive prices.



# Quality First

The mission of Riyadh Cables is based on establishing a strong technological base, continuous improvement maintaining high quality standards and delighted customers, from it is beginning Riyadh Cables has been totally “Committed to Quality”.





## Research & Development

The foresight in understanding the future needs of the market as well as the technical expertise is an essential strategy at Riyadh Cables in its continuous journey of product improvement.

CUSTOMER  
FRIENDLY  
SUPPORT  
INNOVATIVE  
POSITIVE  
PRECISELY  
TIMELY



## Customer Services

At Riyadh Cables we believe that every customer is important and each one can depend on the special care we give to our customers.



# OUR Testing & Services

## Service's:

- ★ High Voltage Design
- ★ Cables laying and assembly
- ★ Installation, Testing and commissioning
- ★ Plan, Build and operate

## Laboratories:

To Carry out Electrical Type Testing for MV & HV & EHV cables.  
Type test field including:

- ★ Shielded Room
- ★ AC Test System 800KV
- ★ Impulse Generator 2400kV
- ★ Load Cycle System 6000A



# Strategic Projects High Voltage

Riyadh Cables executes high voltage cable turn key projects, and renders many services in the form of technological, scientific and technical support such as:

- 1- Supply and preparation of electrical cables and accessories
- 2- Supervision during the cable laying
- 3- Performing on site testing
- 4- Installation of cables joints and cable terminations

**We are proud to be part of the following list of main projects:**

- 1- Neom
  - 2- Riyadh Metro
  - 3- Clock Tower Makkah
  - 4- Gulf Scientific Corporation at Arab Health
  - 5- Faisaliah Tower
  - 6- Maaden projects
  - 7- Sadara Project
  - 8- Ras Akhair power and water project
  - 9- King Abdulaziz International airport
  - 10- King Abdullah Financial District (KAFD)
  - 11- Jamarat Project
  - 12- Knowledge Economic City
  - 13- Shoaiba project
  - 14- Fadhili Substation
  - 15- Jazan Refinery
- And more .....



# Strategic Projects High Voltage

## **Our main success Partner locally:**

- 1- Saudi Electrical Company(SEC) and National Grid.
  - 2- Saudi Telecom Company (STC)& Mobily
  - 3- Saudi Aramco
  - 4- Saline water conversion corporation(SWCC)
  - 5- Royal Commission
  - 6- Sabic
  - 7- Riyadh Metro
  - 8- Bin Laden group
  - 9- Alseif Group
  - 10- Nesma
- And many more.....

## **International success partners:**

- 1- Dubai Electricity and Water Authority (DEWA)
  - 2- Sharjah Electricity and Water Authority (SEWA)
  - 3- Abu Dhabi Water & Electricity Authority (ADWEA)
  - 4- Federal Electricity and water Authority (FEWA)
  - 5- Electricity and water Authority (EWA) Bahrain
  - 6- Kahramaa-Qatar
  - 7- Ministry of electricity and water (MEW) Kuwait.
  - 8- Distribution review panel (DCRP)Oman
  - 9- Ministry of electricity Iraq & Erbil
  - 10- Etisalat UAE
  - 11- Syrian Telecommunication Est. (STE) Syria
- And many more.....



# OUR

## Global Presence

### **Riyadh Cables(RCGC)**

Manufacturing facility / Riyadh, Saudi Arabia  
P.O.Box26862 Riyadh 11496 KSA  
Tel:+966 11 2651415 Fax:+966 11 2651423  
E-mail:rcgc@riyadh-cables.com  
www.riyadh-cables.com

### **National Cables Industries (NCI)**

manufacturing facility / Sharjah , UAE  
P.O.Box 27472  
Tel:+971 6 531 1888 Fax:+971 6 531 1577  
E-mail:n\_c\_i\_@emirates.ae  
www.nci.ae

### **Alrowad Co. for production of electrical cables W.L.L**

Baghdad, Iraq Phone:+964 772 843 5656  
E-mail:sales@alrowadcable.com  
info@alrowadcable.com





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[www.riyadh-cables.com](http://www.riyadh-cables.com)