



# Corporate Presentation



POWERING THE REGION

14 June 2009



- Who we are
- [Our Facilities](#)
- [Product Portfolio](#)
- [Competitive Advantage](#)
- [Contact Us](#)

## History

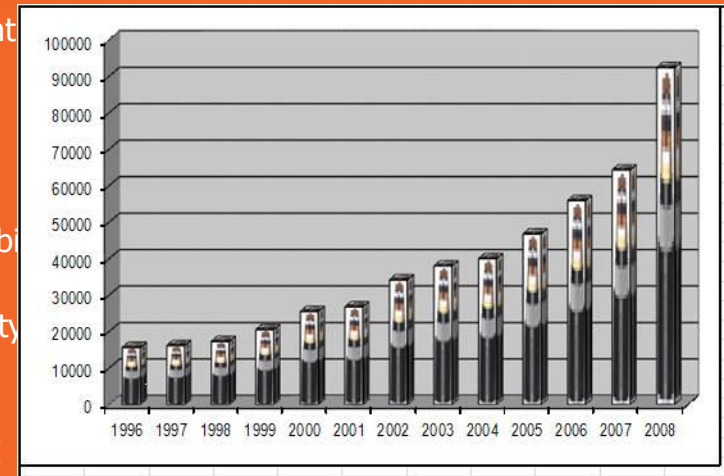
**1979** - Ducab was formed as a joint venture between Government of Dubai and BICC Group of the UK

**2001** – Ducab jointly owned by Government of Dubai and Abu Dhabi

**2005** – Ducab sets up the 2<sup>nd</sup> facility in Abu Dhabi Mussafah

**2008** – Ducab acquires its 3<sup>rd</sup> UAE facility and the Copper Rod facility

**2009** –Ducab HV a joint venture with DEWA & ADWEA signed



Year on Year Growth

**History**

**Quality Systems & Certification**

**Awards**



- [Who we are](#)
- [Our Facilities](#)
- [Product Portfolio](#)
- [Competitive Advantage](#)
- [Contact Us](#)

## Quality Systems & Certification

### Quality Management System

- Initial certification as per ISO 9002:1987 in year 1993
- Upgraded to ISO 9001: 1994 in year 1995
- Upgraded to ISO 9001:2000 in year 2002
- Ducab M1 facility certified to ISO 9001:2000 in year 2005
- Ducab M2 facility certified to ISO 9001:2000 in year 2008

### Environmental Management System

- Initial certification as per ISO 14001:1966 in year 1997
- Upgraded to ISO 14001:2004 in year 2005
- Ducab M1 facility certified to ISO 14001:2004 in year 2006

### Health and Safety Management System:

- Initial certification as per OHSAS 18001:1999 in year 2004
- Ducab M1 facility certified to OHSAS 18001:1999 in year 2006
- Ducab Jebel Ali & M1 sites upgraded to OHSAS 18001: 2007 version in Jan 2008

[History](#)

[Quality Systems & Certification](#)

[Awards](#)



- [Who we are](#)
- [Our Facilities](#)
- [Product Portfolio](#)
- [Competitive Advantage](#)
- [Contact Us](#)

## Quality Systems & Certification

### Product certification

LV Power cables By Lloyds Register and BASEC

LV control - By Lloyds Register and BASEC

MV/HV power cables - By KEMA

Building wires - By Lloyds Register and BASEC

Fire resistant cables – By Lloyds Register and BRE, LPCB & Dubai Civil Defense Authority

Emirates Quality Mark by ESMA

[History](#)

**Quality Systems & Certification**

[Awards](#)

دوكاب  
Ducab



- [Who we are](#)
- [Our Facilities](#)
- [Product Portfolio](#)
- [Competitive Advantage](#)
- [Contact Us](#)



## Awards

---

Dubai Quality Award (DQA) – 1994

Dubai Quality Award (DQA) Gold category – 1998

Dubai Quality Award (DQA) Second gold - 2004

GCC award for environmental excellence – 2002

RoSPA safety award - 18 consecutive years, & Order of distinction award from 2005

Safety at work Award from Dubai Municipality - 2008

ICD Chairman's Award for Best Economic Value Creation Award – 2008

Sheikh Mohammed Bin Rashid Al Maktoum Business Excellence Award in Manufacturing Category - 2009

[History](#)

[Quality Systems & Certification](#)

[Awards](#)

# دوخاب Ducab



- [Who we are](#)
- [Our Facilities](#)
- [Product Portfolio](#)
- [Competitive Advantage](#)
- [Contact Us](#)



## Our Facilities

---

Ducab Jebel Ali

Ducab HV

Ducab M1

Ducab M2

Ducab Copper Rod



### Our Facilities

[Ducab - Jebel Ali](#)

[Ducab-HV](#)

[Ducab - M1](#)

[Ducab - M2](#)

[Ducab - Copper Rod](#)



- [Who we are](#)
- [Our Facilities](#)
- [Product Portfolio](#)
- [Competitive Advantage](#)
- [Contact Us](#)

## Ducab - Jebel Ali

Ducab headquarters is in Jebel Ali

Ducab Jebel Ali was officially opened in November 1979 by the Former Ruler of Dubai, Shaikh Rashid Bin Saeed Al Maktoum.

Ducab is a 100% UAE owned, jointly by the Governments of Dubai and Abu Dhabi.

Ducab Jebel Ali has one of the longest CCV lines in the world for manufacture of 11 kV and 33 kV medium voltage cables. As well as high voltage cables upto to 132 kV

At this 590,000 sqm Jebel Ali site, Ducab produces mainly Medium Voltage, Control, PVC, Auxiliary and Instrumentation cables

563 people work at Ducab Jebel Ali

### [Our Facilities](#)

**[Ducab - Jebel Ali](#)**

**[Ducab-HV](#)**

**[Ducab - M1](#)**

**[Ducab - M2](#)**

**[Ducab - Copper Rod](#)**

دوكاب  
Ducab



- [Who we are](#)
- [Our Facilities](#)
- [Product Portfolio](#)
- [Competitive Advantage](#)
- [Contact Us](#)

## Ducab - HV

---

- In a landmark agreement, the two major UAE utilities, ADWEA and DEWA, and Ducab have entered a new joint venture to manufacture high voltage cable systems.
- Ducab –HV will operate from a 22,000 sq m manufacturing factory in Jebel Ali, next to the existing Ducab plant.
- Ducab- HV is scheduled to be operational in late 2010.
- The product range will include high voltage cable systems up to 400 kV



Chairpersons of Ducab, DEWA & ADWEA representative

### [Our Facilities](#)

#### [Ducab - Jebel Ali](#)

#### [Ducab HV](#)

#### [Ducab - M1](#)

#### [Ducab - M2](#)

#### [Ducab - Copper Rod](#)





- [Who we are](#)
- [Our Facilities](#)
- [Product Portfolio](#)
- [Competitive Advantage](#)
- [Contact Us](#)

## Ducab - M1

Officially opened on 2nd March 2005 by H.H Sheikh Hamed Bin Zayed Al Nahyan

The 200,000sq m factory incorporates the very latest in production machinery and testing equipment from Italy, France, Germany, Sweden and Finland

The facility is the "Centre of Excellence" for Low Voltage and Building Wire

342 employees work at Ducab Musaffah 1

Home to the world's first "Horizontal lead sheathing line" supplied by *Folke Sandelin (Sweden)*

[Our Facilities](#)

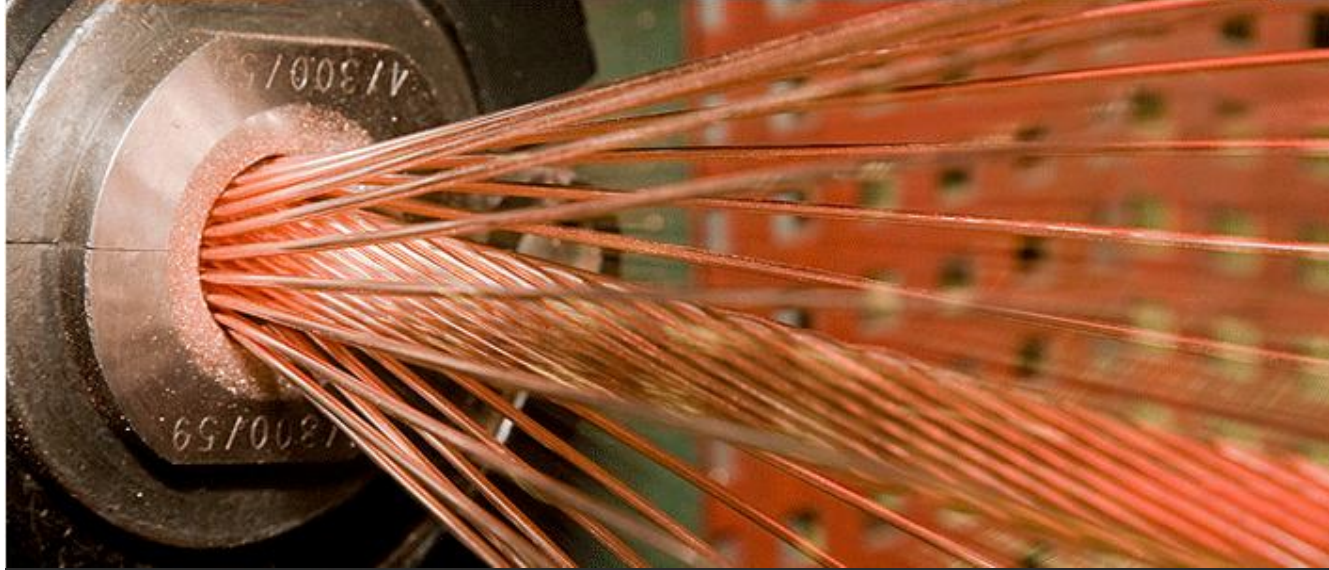
[Ducab - Jebel Ali](#)

[Ducab- HV](#)

[Ducab - M1](#)

[Ducab - M2](#)

[Ducab - Copper Rod](#)



- [Who we are](#)
- [Our Facilities](#)
- [Product Portfolio](#)
- [Competitive Advantage](#)
- [Contact Us](#)

## Ducab - M2

Production focuses on Medium Voltage Power Cables, Auxiliary and Building Wire Cables

162 employees work at Ducab Musaffah 2

The 22,000 sqm factory houses state of the art equipment from Italy, France, Germany

The factory has a CCV High Voltage insulation line that can produce cables up to 220 kV

[Our Facilities](#)

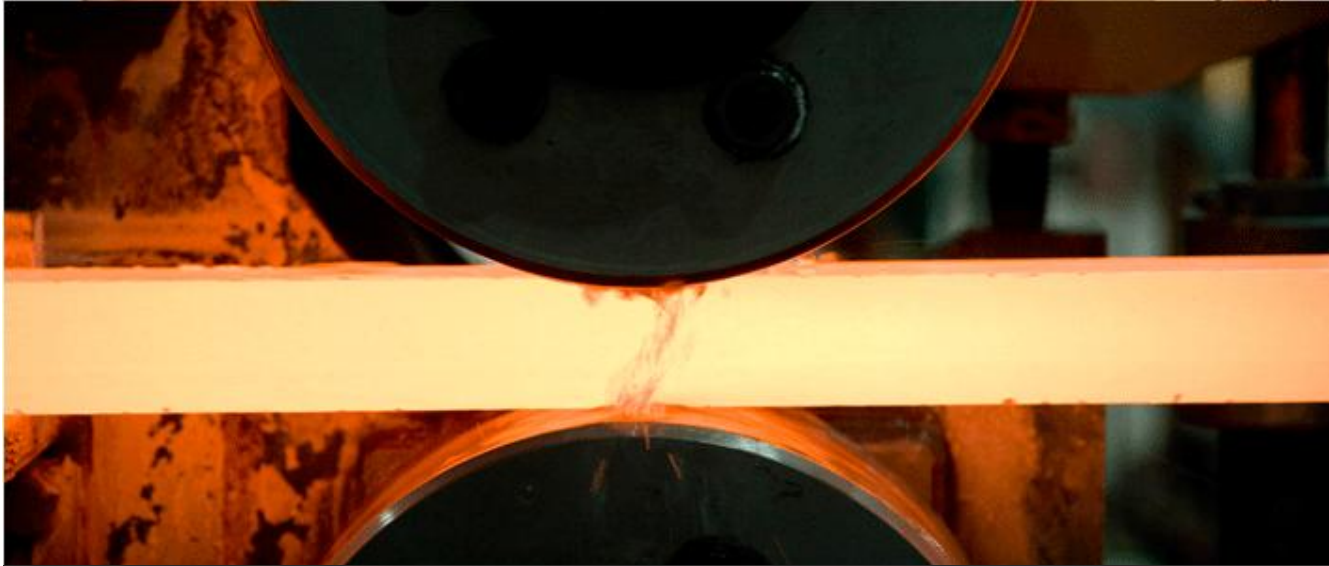
[Ducab - Jebel Ali](#)

[Ducab- HV](#)

[Ducab - M1](#)

**Ducab - M2**

[Ducab - Copper Rod](#)



- [Who we are](#)
- [Our Facilities](#)
- [Product Portfolio](#)
- [Competitive Advantage](#)
- [Contact Us](#)

## Ducab Copper Rod Plant

### First copper rod plant in the UAE

- Casting machine has advanced manufacturing features such as efficient thermal transfer of heat from the bar as it cools from molten copper to a solid bar. The Novel Gas Control System employs instrumentation to ensure that all 15 burners perform efficiently
- Using the Contirod process, the 3000 sqm plant converts raw copper cathode into 8 mm diameter Electrolytic Tough Pitch (ETP) Copper Rod as per BS 1977:98 and ASTM B-49:98

#### Our Facilities

Ducab - Jebel Ali

Ducab-HV

Ducab - M1

Ducab - M2

**Ducab - Copper Rod Plant**



- [Who we are](#)
- [Our Facilities](#)
- [Product Portfolio](#)
- [Competitive Advantage](#)
- [Contact Us](#)

## Product Portfolio

The Ducab product range includes

- Power cables range includes High voltage cables (66 kV to 400kV), Medium voltage cables (6.6kV to 33 kV) and Low voltage cables (1 kV to 3.3kV)
- Special Purpose low voltage range
  - Fire resistant cables (Ducab FR)
  - Building Wires
  - Control & Auxiliary cables
  - Instrumentation & Pilot cables
- Cable Accessories
- Copper wire rods and conductor

### **Product Portfolio**

[High Voltage](#)

[Medium Voltage](#)

[Low Voltage](#)

[Fire Resistant](#)

[Building Wire](#)

[Control and Auxiliary](#)

[Cable Accessories](#)

[Cu Wire & Conductor](#)

[Instrumentation and Pilot Cables](#)



- [Who we are](#)
- [Our Facilities](#)
- [Product Portfolio](#)
- [Competitive Advantage](#)
- [Contact Us](#)

## High Voltage

### Purpose: Transmission of electrical power

- Voltage grades up to 132 kV
- Super-clean XLPE insulated
- Type test certificate by KEMA



#### Product Portfolio

**High Voltage**

Medium Voltage

Low Voltage

Fire Resistant

Building Wire

Control and Auxiliary

Cable Accessories

Cu Wire & Conductor

Instrumentation and Pilot Cables

With the new Ducab –HV plant, we will supply up to 400kV cable systems operational by late 2010

*These products are available Lead Sheathed*



- [Who we are](#)
- [Our Facilities](#)
- [Product Portfolio](#)
- [Competitive Advantage](#)
- [Contact Us](#)



## Medium Voltage

Made to IEC, BS and Customer's Specifications

Purpose: Power Distribution

- 3800/6600 V
- 6350/11000V
- 8700/15000V
- 12700/ 22000V
- 19000/33000V
- Type Test certificate by KEMA



- [Product Portfolio](#)
- [High Voltage](#)
- [Medium Voltage](#)
- [Low Voltage](#)
- [Fire Resistant](#)
- [Building Wire](#)
- [Control and Auxiliary](#)
- [Cable Accessories](#)
- [Cu Wire & Conductor](#)
- [Instrumentation and Pilot Cables](#)

*These products are available Lead Sheathed or with Smokemaster LSF Sheathing.*



- [Who we are](#)
- [Our Facilities](#)
- [Product Portfolio](#)
- [Competitive Advantage](#)
- [Contact Us](#)

## Low Voltage

- For voltage range 600/1000V, 1900/3300V systems to IEC and BS specifications
- Operating temperature up to 90 degrees
- Lloyds type tested
- Approved by BASEC



- [Product Portfolio](#)
- [High Voltage](#)
- [Medium Voltage](#)
- [Low Voltage](#)
- [Fire Resistant](#)
- [Building Wire](#)
- [Control and Auxiliary](#)
- [Cable Accessories](#)
- [Cu Wire & Conductor](#)
- [Instrumentation and Pilot Cables](#)

*These products are available Lead Sheathed or with Smokemaster LSF Sheathing.*



- [Who we are](#)
- [Our Facilities](#)
- [Product Portfolio](#)
- [Competitive Advantage](#)
- [Contact Us](#)



## Fire Resistant

- Conforms to requirements F-2 of BS 7846 & CWZ of BS 6387
- Cables type tested and certified by Lloyds Register, UK
- LPCB approved range



### Product Portfolio

High Voltage

Medium Voltage

Low Voltage

**Fire Resistant**

Building Wire

Control and Auxiliary

Cable Accessories

Cu Wire & Conductor

Instrumentation and Pilot Cables





- [Who we are](#)
- [Our Facilities](#)
- [Product Portfolio](#)
- [Competitive Advantage](#)
- [Contact Us](#)



## Building Wire

### Manufactured in sizes of:

- 1.5 to 35mm<sup>2</sup> (100 meter packs)
- 50 – 630mm<sup>2</sup> Earthing Wire
- Rated 450/750V as per BS 6004.
- Operating temperature up to 70°
- Available in lengths to suit and in various colours



### Product Portfolio

High Voltage

Medium Voltage

Low Voltage

Fire Resistant

**Building Wire**

Control and Auxiliary

Cable Accessories

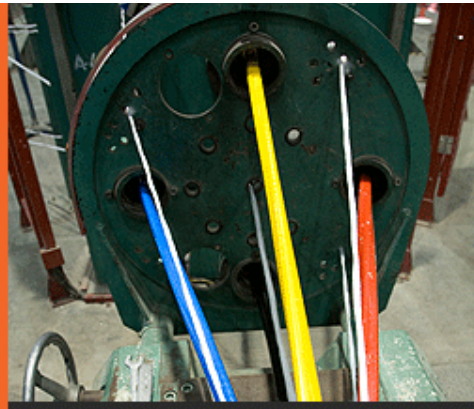
Cu Wire & Conductor

Instrumentation and Pilot Cables

*Ducab wiring products are also available with Smokemaster XL-LSF insulation to BS 7211, operating Temperature up to 90°*



Who we are | Our Facilities | Product Portfolio | Competitive Advantage | Contact Us



## Control and Auxiliary

**Purpose: Used in Control Circuits or measuring circuits**

- 1.5 to 10mm<sup>2</sup> in 2,3, and 4 cores
- 1.5, 2.5 and 4mm<sup>2</sup> from 5 cores to 61 cores
- Can be offered with common / overall screen.



Product Portfolio

High Voltage

Medium Voltage

Low Voltage

Fire Resistant

Building Wire

**Control and Auxiliary**

Cable Accessories

Cu Wire & Conductor

Instrumentation and Pilot Cables

*These products are available Lead Sheathed or with Smokemaster LSF Sheathing.*



- [Who we are](#)
- [Our Facilities](#)
- [Product Portfolio](#)
- [Competitive Advantage](#)
- [Contact Us](#)

## Cable Accessories

---

**Ducab offers a wide range of Low and Medium Voltage cable accessories**

- Joints & Terminations
- Connectors & Tooling
- Cleats & Cable Fixings
- Cable Glands

[Product Portfolio](#)

[High Voltage](#)

[Medium Voltage](#)

[Low Voltage](#)

[Fire Resistant](#)

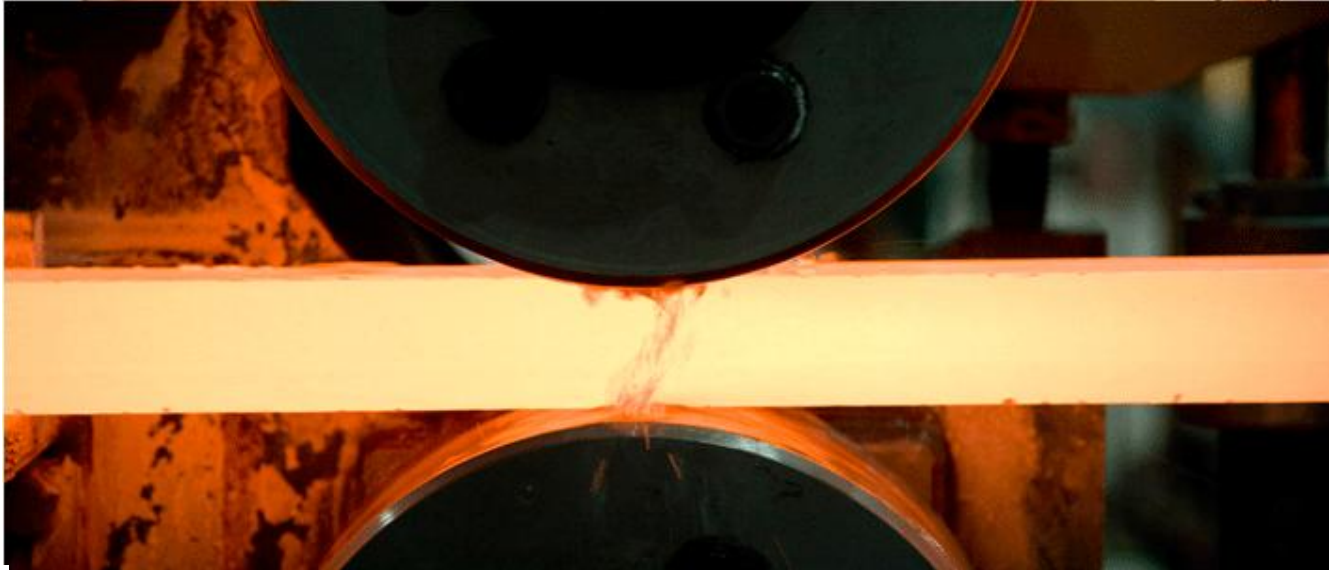
[Building Wire](#)

[Control and Auxiliary](#)

[Cable Accessories](#)

[Cu Wire & Conductor](#)

[Instrumentation and Pilot Cables](#)



▪ [Who we are](#) ▪ [Our Facilities](#) ▪ [Product Portfolio](#) ▪ [Competitive Advantage](#) ▪ [Contact Us](#)

## Cu Wire & Conductor

**Purpose: For current carrying and Earthing applications**

- Available as Soft Drawn (SDBC) or Hard Drawn (HDBC) Bare Copper conductor
- SDBC with lead sheath for special applications
- Tinned copper conductor available

[Product Portfolio](#)

[High Voltage](#)

[Medium Voltage](#)

[Low Voltage](#)

[Fire Resistant](#)

[Building Wire](#)

[Control and Auxiliary](#)

[Cable Accessories](#)

**Cu Wire & Conductor**

[Instrumentation and Pilot Cables](#)



Who we are | Our Facilities | Product Portfolio | Competitive Advantage | Contact Us



## Instrumentation and Pilot Cables

**Purpose: Carry data and signals in power system network**

- Standard cables as per BS 5308
- Available with individual pair screen or overall screen
- Pilot cables as per client specific requirements



Product Portfolio

High Voltage

Medium Voltage

Low Voltage

Fire Resistant

Building Wire

Control and Auxiliary

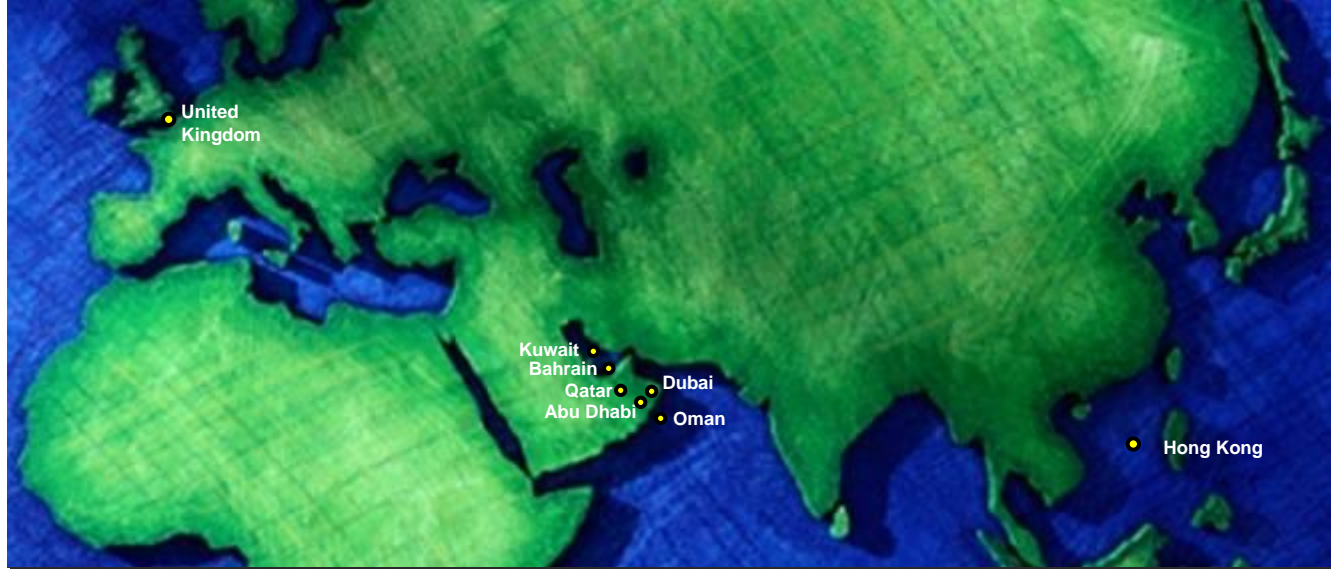
Cable Accessories

Cu Wire & Conductor

**Instrumentation and Pilot Cables**

*These products are available Lead Sheathed or with Smokemaster LSF Sheathing.*

دوكاب  
Ducab



- [Who we are](#)
- [Our Facilities](#)
- [Product Portfolio](#)
- [Competitive Advantage](#)
- [Contact Us](#)

## Sales Network

- Ducab is represented by 12 Distributors in the UAE
- Sales offices in Northern Emirates & Dubai, Abu Dhabi and Al Ain.
- Regional Sales Offices in
  - Oman
  - Saudi Arabia
- Our regional presence can be seen through our joint ventures in
  - Bahrain
  - Qatar
- Ducab also has a presence in Kuwait, Hong Kong and UK.

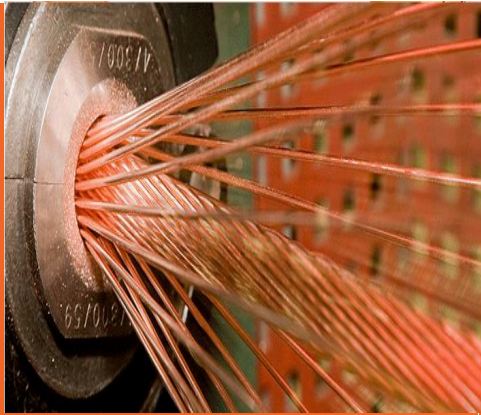
**Sales Network** |

**[Ducab Advantage](#)** |

**[Value Added Services](#)** |

**[Landmark Projects](#)**

دو كَاب  
Ducab



■ [Who we are](#) ■ [Our Facilities](#) ■ [Product Portfolio](#) ■ [Competitive Advantage](#) ■ [Contact Us](#)

## Ducab Advantage

---

- Local manufacturer – less logistic risk
- Secure and consistent quality supplies
- Reliable service with on-time delivery, realistic lead times.
- Flexibility
- Excellent technical support
- Dedicated sales and technical support personnel
- Copper Risk management
- Low risk in terms of performance delayed costs
- E- next information website for manufacturing order status, delivery lead times, invoicing and payments

[Sales Network](#)

**Ducab Advantage**

[Value Added Services](#)

[Landmark Projects](#)

# دوكاب Ducab



- [Who we are](#)
- [Our Facilities](#)
- [Product Portfolio](#)
- [Competitive Advantage](#)
- [Contact Us](#)

## Value Added Services

---

### Jointer Academy

- In 2000, Ducab set up the first of its kind, “Jointer Academy” in the UAE to facilitate enhancement of knowledge and skills in jointing and laying of cables. The primary cause of failure in power cables and faults in electrical distribution networks is associated with joints and terminations.

### Design Consultancy

- Ducab provides technical and design consultancy to assist clients in choosing the appropriate cables for projects/applications.

[Sales Network](#)

[Ducab Advantage](#)

[Value Added Services](#)

[Landmark Projects](#)



# دوكاب Ducab



- [Who we are](#)
- [Our Facilities](#)
- [Product Portfolio](#)
- [Competitive Advantage](#)
- [Contact Us](#)

## Landmark Projects in GCC

Bahrain Financial Center



Dubai Metro



Burj Dubai



[Sales Network](#)

[Ducab Advantage](#)

[Value Added Services](#)

[Landmark Projects](#)

Kuwait Oil refinery



Dubai airport



دوخاب  
Ducab



- [Who we are](#)
- [Our Facilities](#)
- [Product Portfolio](#)
- [Competitive Advantage](#)
- [Contact Us](#)

## Contact us

---

### **Dubai Cable Company (Private) limited**

Head Office and Factory  
Dubai, U.A.E.

Tel: +971 4 808 2500

Fax: +971 4 808 2511

For queries, please contact  
[ducab@ducab.com](mailto:ducab@ducab.com)

Or Visit

[www.ducab.com](http://www.ducab.com)

