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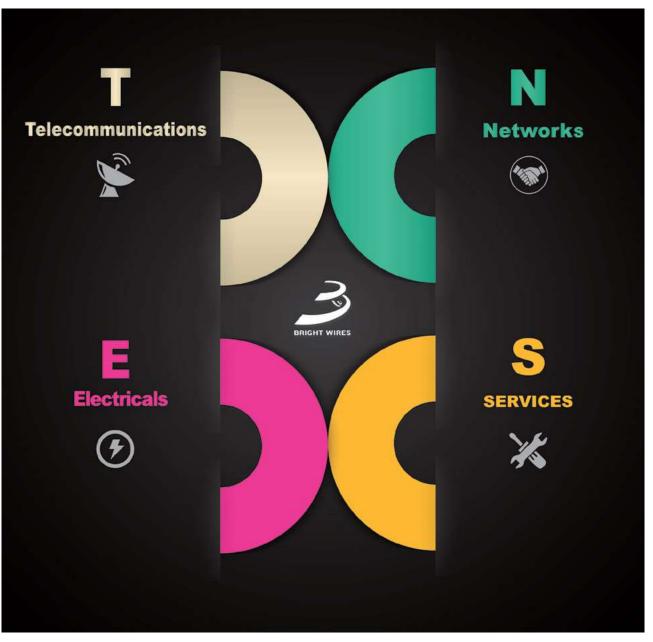
Bright Wires company Ltd. Is the general marketing, products and services Representative of many international vendors in Saudi Arabia, the Kingdom's leading provider of telecommunication, enterprise information technology and electrical solutions.

Bright Wires history in the Kingdom goes back to 1989; it was providing simple business of Electrical & Power systems. Due to the rapid economic development in the Kingdom it has grown to offer a total enhanced portfolio of telecommunication, network, electrical products and services including consultation and implementation, business recovery and operations support.

To be the ultimate provider and major force in kingdom through offering innovative telecommunication, network and electrical solutions and services that will help our partners to achieve goals with high satisfaction.

To provide our partners with reliable, timely and cost effective of the latest technology of telecommunication, network and electrical products and services that exceed their expectations'.

To be the industry leader in power management telecommunication and network solution in kingdom by developing beneficial long-term successful business relationships with our partners and to constantly develop the wide range of skills and abilities of our employees for the benefit of the industry.













Networking & Telecommunication

PRODUCTS

In the global world we live in, the individual and complex needs of our clients are usually met with technological products, solutions and services that are constantly evolving and that were not originally designed with the clients' specific needs in mind. How ever, to cater to the common denominator in the market.

The leadership position that Bright Wires has attained in these sectors is based on an in-depth knowledge of client needs, which allows us to deliver solutions specifically tailored to their individual requirements. BW offers their clients with the best solution, fully adapted to their own requirements and including all the support necessary to achieve optimum results at a suitable price. At BW, our employees, operating model and cultural values focus on meeting the very needs of each individual client.

Our goal is to support our client's processes through technologically advanced solutions.

## Infrastructure Product Section



DATWYLER is a Swiss Group of companies with over 100 years of systematically acquired know-how in the development and manufacture of products and solutions for the IT infrastructures in data centres, intelligent buildings and fibre networks including software and services.

With comprehensive reliable one-stop package solutions, Datwyler is creating the backbone for real-time communication between people, machines and organisations, and is laying the groundwork for society's digital future.

### Products range

From the single component to the integrated system solutions.

- Data Centres
- Fibre Networks
- ICT Networks
- Safety Cabling
- Elevator Cabling





As a leading manufacturer of copper and optical fibre cables, B3 International provides the foundations for global connectivity and telecommunications.

As continue to move through an age of technological innovation, the demand for improved communication nelworks, industrial environments and building management is constantly growing.

B3 is committed to designing and delivering a host of innovative new services and solutions that meet the increasing demands of technological age.

- BMS Cables.
- Control Cables.
- Fire Alarm Cables.
- Fire Resistant Cables.
- Paired Cables.
- Multi Conductor Cables.
- Coaxial Cables.









H3C is an industry leader in the provision of digital solutions and is committed to becoming the most trusted partner of its customers in their quest for business innovation and digital transformation.

We offer a full portfolio of digital infrastructure products, spanning across compute, storage, networking, 5G, security, terminal and related domains, and provide a comprehensive one-stop digital platform that includes cloud computing, big data, artificial intelligence (AI), industrial internet, information security, intelligent connectivity, and edge computing, as well as end-to-end technical services.

We are also the exclusive provider of HPE® servers, storage and associated technical services in China.

- Cloud & AI
- Interconnect
- Intelligent Computing
- Security
- SMB Products
- Intelligent Terminal Products





OPTIMUS, a reference company in sound and communication, provides its customers with the extensive experience it has acquired since its creation in 1933. OPTIMUS offers engineering offices & prescriptors, wholesalers, installers and end-users a large team of professionals to advise them in all phases of the work. OPTIMUS, the best solution in PA systems, distributed sound and intercommunication.

#### Products range

- CONTROL SYSTEMS
- AUDIO PROCESSING
- AMPLIFICATION
- LOUDSPEAKERS
- MICROPHONES
- DISTRIBUTED AUDIO
- PA RACKS
- INTERCOMMUNICATION





www.brightwires.com.sa



Leading ICT Enterprise Brand

Ruijie has been building in-depth scenario-oriented application experience through solution design and innovation in the industry, thus assisting the upgrade into the digitalization of all industries. Ruijie has researched and self-developed 8 product lines, including switches, routers, wireless, cloud class, security, gateways, IT management and authentication & accounting.

### Products range

**Ruijie Enterprise Network Solution** 

- Hospitality Wi-Fi Solution
- Reliable+ and Smart+ Network for CCTV
- Smart Office Solution
- WiFi 6 Solution
- Cloud Management Solution
- 25G/100G Data Center Solution









Redefine your easy network. Cloud Make Your Business Easy. Provision in 3 mins via Self-Organizing Network. Visualize Your Smart Switches than Ever Before.

### Products range

**Reyee SMB Network Solution** 

- Ruijie Cloud for SME
- Small Office Network Solution
- Hotel Network Solution
- Retail&Branch Network Solution
- CCTV Network Solution
- Reyee Mesh Wi-Fi Solution











Oman Fiber Optic was established in 1996. Situated in Muscat. OFO uses state of art technology to manufacture Fiber Optic Core & a wide range of Fiber Optic cable & Accessories.

Oman Fiber Offers technical consultancy on choice of fiber types, design of cables and addresses the training needs for various customer segments.

Oman Fiber Optic has the complete range of Optical and mechanical test equipment designed & approved by internationally accredited agencies and offers a complete range of Fiber Optic Training courses.

- Unitube dielectric & armored Cable.
- Single sheath multitube dielectric Cable for ducts.
- Double Sheath dielectric cables for duct.
- Dielectric rodent proof cables.
- Armored unitube / multitube cable for duct.
- Indoor outdoor cables for campus networks.
- Figure-8 cables for Aerial applications.
- All Dielectric Self Supporting (ADSS) cables.
- Micro Duct / Customized application cables.





Rittal, headquartered in Herborn, Germany, is a leading global provider of solutions for industrial enclosures, power distribution, climate control and IT infrastructure, as well as software and services. Systems made by Rittal are deployed in over 90 per cent of all industries across the world, including machine building and plant engineering, food and beverages, and IT and telecommunications.

- NETWORKING & SERVER CABINETS
- COOLING SYSTEMS
- POWER SYSTEMS
- IT SECURITY ROOM
- MONITORING & REMOTE MANAGEMENT
- DCIM
- MICRO DATA CENTER SOLUTIONS
- DATA CENTER CONTAINER







PLANET Technology Corporation, who was founded in 1993 is a leading global provider of IP-based networking products and solutions for small-to-medium-sized businesses, enterprises, and SOHO markets.

With a strong mission to be a Pioneer of IP Innovation in the global market, PLANET designs, deploys and delivers innovative IP solutions with converged data, voice, and video deployment over the wide range of networking technologies. The company has also been demonstrating its consistent commitment to the role of global citizenship, besides its product innovations.

- LAN Switches.
- Power Over Ethernet & Industrial Ethernet.
- Media Conversion.
- Passive Optical Network.
- Wireless LAN.
- IP Surveillance & IP Telephony.
- Broadband Communication.
- Home Automation.
- Network Security & Network Peripheral.













### Televes

Televes is a worldwide technology company specializing in the design, development, and manufacture of telecommunication infrastructure solutions for homes, buildings, and cities.

Its headquarters are located in Santiago de Compostela (Spain), where the company was founded in 1958. With nearly 60 years of experience, Televes has launched more than 1,500 different products, an achievement explained by the authentic passion for manufacturing.





- TV DISTRIBUTION
- HOSPITALITY
- PROFESSIONAL LED LIGHTING
- OPTICAL TRANSPORT









Founded in 2000 in the Kingdom of Saudi Arabia, Riyadh, Became a leading producer of Passive Optical Network Components in Middle East.

(ISO 9001:2008), (ISO 14001:2008), (OHSAS18000:2008) Certified, TENAS Products are aligned with locally and international specs.

Data base of more than 100 customers and business units working with us.

- Fiber Optic Passive Components (FDT, ODB, OSB, ODF & OSF).
- IT Cabinets & Racks & Telephone Cabinets.
- Fiber Patch cord and Pigtail & Cable Lugs.
- Camera Boxes & Poles .
- The Rubber Hose Reel Fire Cabinet.
- RMU 13.8KV outdoor/indoor.
- Electrical Junction Boxes.
- Current transformers.
- Cable Lugs & Connectors.
- Low Voltage Distribution Pillar.
- Water proof distribution enclosures.
- Overhead line accessories.











CORE TECH is a prestigious Saudi company for telecommunication and electrical building infrastructure products.

CORE TECH is a far east and Europe manufacturing the product design, development, test and inspection process done by senior stuff based on headquarter in Riyadh, Saudi Arabia.

CORE TECH global goal is to provide an innovative high end quality and excellent services to the market.

- Junction Boxes.
- Flexible Conduits.
- Power Distribution Units (PDU).
- Hand Tools.
- Warning Tape.
- Fiber Optic Patchcord & Pigtail.
- Fiber Optic Installation Tools.









## TOTEN

With many years of manufacturing cabinets experience, TOTEN CO., integrates R&D and production, and provides professional cabinets for industrial automation, network, and telecom, electric power engineering and other industries with advanced manufacturing technology. With the expansion of the market demand and the sustainable develop of our company, TOTEN CABINETS have been widely used in high-speed rail, airports, banks, IDC rooms, hospitals, government, universities, army and other various fields.

TOTEN CO., was founded in 2000, and it has achieved rapid development. Now, TOTEN CO. has four factories, one is SHENZHEN factory, one is NINGBO FAC-TORY, one is KUNSHAN factory and one is LANG-FANG factory.

- Single Section Wall-Mounted Cabinets.
- Double Section Wall-Mounted Cabinets.
- Networking Cabinets (floor-standing).
- Accessories For Cabinets.



### Test & Measurement Product Section



Fluke Networks provides the industry's best certification, troubleshooting and installation tools to professionals who install and maintain critical network cabling infrastructure for our connected world. From installing the most advanced data centers to restoring service in the worst weather, we help ensure your jobs are done correctly and efficiently.





### **Products range**

### Certification

- Versiv: DSX2-8000, DSX2-5000, OptiFiber Pro, CertiFiber Pro, FI-7000.
- LinkWare Live / PC.
- MultiFiber Pro.
- Copper Qualification / Verification
- MicroScanner.
- CableIQ.
- Fiber Qualification / Verification
- SimpliFiberPro.
- Inspection and Cleaning.
- Tools
- Buttsets.
- Hand Tools.





Fujikura is the world-wide leader of fusion splicers. We started fusion splicer since 1978 and continued to deliver good quality splicer with service.

"MADE in JAPAN" splicers contributed to expand optical networks all over the world.

The technology originates from that of "optical fiber manufacture".

We know about optical fiber very well so that we can deliver good quality fusion splicers.

- Fusion Splicers For Telecommunication Use.
- Fusion Splicers For R&D Use.
- Optical Fiber Cleavers.
- Optical Fiber Recoaters.
- Optical Fiber Identifier.







AFL develops and manufactures fiber optic test equipment designed for various fiber optic applications. Our quality products are used throughout the world for installing, testing, and maintaining the performance of fiber optic networks. Products offered include OTDRs and fault locators; certification, optical loss and return loss test kits; optical power meters and light sources; visual fault identifiers; optical fiber identifiers; inspection and cleaning products; talk sets and attenuators; network simulators; accessories; services and software.

- Optical Time Domain Reflectometers (OTDR).
- Optical Loss Test Sets (OLTS).
- Optical Power Meters (OPM).
- Optical Light Source (OLS).
- Inspection and Cleaning.
- Optical Fibre Identifiers (OFI).
- Visual Fault Identifiers (VFI).
- Attenuators and Talk Sets.







William H. Brady founded the W. H. Brady Company in 1914 in USA.

Starting in the 1990s, Brady introduces software that allows customers to create their own labels and printers to print on-site and on-demand. As our technological capabilities grew, so did our geographic reach.

Today, Brady is reinvesting in research and development, with a strong focus on the Voice of the Customer guiding all new product development.

- Printers for Product ID
- Printers for Wire ID
- Wrap Around Labels
- Cable Flags
- Cable Tags
- Sleeves







TREND NETWORKS specializes in user-friendly solutions which help technicians across the globe to install and test networks, data cable, Ethernet, CCTV installations, PROFINET, PoE and more.

A varied choice of innovative and intuitive handheld testers ensure that jobs are both productive and profitable. Copper and fiber testers verify and certify data cable, network testers pinpoint and solve networking issues, and specialist tools make it simpler than ever to install and maintain Ethernet devices and cabling.

Whenever and wherever needed, expert support and leading technologies come together to help keep downtime. The innovative AnyWARE Cloud platform assists users further, enabling better test data management and new options for real-time, remote support.

- LanXPLORER-Pro
- SecuriTEST-IP
- VDV-II Pro
- PoE-Pro
- SignalTEK-10G
- 33-864 Tone/Probe Kit









Tempo offers a complete line of innovative and industry-leading test & measurement solutions for the communication service provider industry. Our expertise and innovative solutions address all stages of network deployment enabling the development, installation and maintenance of xDSL, Fiber, Cable & Wireless networks.

Through our strategic acquisitions in Fiber & Ethernet segments, Tempo Communications has emerged as the leading provider of next generation test & measurement solutions in the global communications industry.

Our success is built on a long track record of delivering high quality innovative solutions enabling technicians to achieve their goals faster and with confidence.

- DSL & Copper Testers.
- Cable tracing & locating.
- Datacom testers.
- Test Telephones.
- Hand Tools.
- Electric Test Instruments.











Takachiho Sangyo Co. Ltd is a manufacturer of high quality, precision instruments for detecting and measuring utilities for telecommunications, gas, sewage, water, and electricity. With over 40 years in the field, customers around the world continue to use Takachiho products with confidence in the quality and accuracy. Our cable locators are made and assembled in our factory in Japan, and are tested for durability and performance.

- Digital Pipe and Cable Locator.
- Fault Finding Cable Locator.
- Ground Penetrating Radar (GPR).





Fremco is an innovative 100% Danish company.

Since 1995, Fremco has specialized in the development and production of fiber blowing machines of exquisite quality. Today.

Fremco is 9001 certified and offers a wide range of products covering all dimensions of fiber cables and ducts.

- Fiber blowing machines for FTTH, Access Network and Backbone.
- Fiber blowing accessories.
- Hydraulic Power pack.







Bird is recognized as the expert in RF communications, measurement and management providing innovative RF products, systems, services and educational solutions to the wireless industry.

- Test and Measurement:
- - Antenna and Cable Analyzers
- - Spectrum Analyzers
- - RF Power Meters & Sensors
- - Loads, Attenuators & Components
- Mobile Telephony, Cellular, Wireless, LTE... etc:
- - Antenna and Cable Analyzers
- - Spectrum Analyzers
- - RF Power and VSWR Monitors
- - Bi-Directional Amplifiers (Signal Boosters)
- - DAS (Distributed Antenna Systems)
- Land Mobile Radio:
- - RF Power and VSWR Monitors
- - Bi-Directional Amplifiers (Signal Bosters)
- - DAS (Distributed Antenna Systems)
- Broadcast:
- - RF Power and VSWR Monitors
- - Loads and Attenuators





### Electricals

Electrical infrastructure is the backbone of living in the today's world. Modern life demands a high level of efficient, safe, and reliable power sources. As the electric department of Bright Wires we are committed to help companies to solve the toughest power management challenges.

The main strength of Bright Wires lies in the blend of professional, specialized and highly focused operation. Increasing customer's awareness is the strength where it excels over competitors. Our strength lies in our ability to blend current power management practice and our electrical expertise into cost-effective electrical power solutions, products and services. Bright wires Transfer to client personal.

Bright Wires will help service provider to plan, select and install, commission, test, report, maintain, fault find and repair system to high standard. Providing a level of service that will exceed the expectation of Bright Wires Clients, maintain the highest level of quality. Our product and service will be delivering the best value at all the time.



## ideolux

Professional LED Lighting Products & Solutions Rooted in Italy, Ideolux has strategically expanded to the SAUDI Arabia.

Today, Ideolux offers localized marketing and technical support to its professional customers and consumers in the Middle East.

Ideolux's mission is to streamline supply chain while elevating quality standards.

We continuously innovate using cutting edge technology and regularly launch novel solutions thanks to a solid LED know-how and dedicated R&D

- designs, engineers and produces high-quality LED Lighting. Our project-grade products, systems and services comply with international quality & safety requirements.
- Ideolux's extensive indoor, outdoor & Fasad lighting product book covers complete projects.





JinkoSolar is one of the largest and most innovative solar module manufacturers in the world.

JinkoSolar distributes its solar products, solutions and services to a diversified international utility, commercial and residential customer base all over the world.

JinkoSolar has built a vertically integrated solar product value chain, with an integrated annual capacity of 40GW+ of monocrystalline photovoltaic modules for 2022.

JinkoSolar has proven to be a very reliable supplier around the Middle East and North Africa.





- Tiger 78 Cell up to 480 Wp
- Tiger Pro 72 Cell up to 550 Wp







SEL S.P.A, founded in 1988, has over fifty years of experience in the construction of MV switchgears.

Today SEL S.P.A. offers a comprehensive range of products that comply with International and Saudi standards for medium voltage up to 40.5kV, (IEC, and SEC standards). SEL provides a complete range of products for Medium Voltage:

- GIS for Secondary Distribution
- AIS for Secondary Distribution
- Gas Insulated Pole Mounted Switch

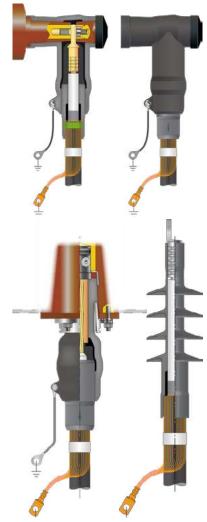
- RMU 13.8KV UP TO 17.5KV.
- MRMU 13.8KV.
- RMU 33KV UP TO 36KV.
- MRMU 33KV.



MK7

NKT, founded in 1891 during the second industrial revolution Nordisk Elektrisk Ledning-stråd og kabelfabrik, manufactures premium medium voltage cable accessories up to 42 kV. NKT products are characterized by safe solutions with reliable functions complying with international standards and Saudi standards. NKT's long experience and continuous product development enable them to offer products that meet future requirements

- MV. Cable Joint premold type UP To 42KV.
- MV Cable Termination premold UP To 42KV.
- MV. Cable Accessories.
- Special Tools for MV. Cables.
- Pre-assembled connection cables up to 72KV.









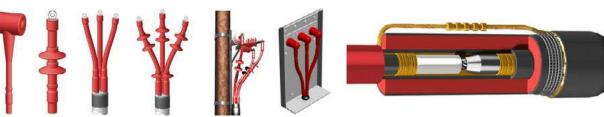
# Heat Shrink Cable Joint & TR.

Ikebana Engineering Limited (Ikebana) was founded in Thailand in 1992.

At its fully vertically integrated manufacturing facility equipped with a modern testing laboratory in Ratchaburi, Thailand, Ikebana manufactures heat shrinkable molded shapes used in termination system such as breakouts, sheds, boots, heat shrinkable tubes for medium / low voltage applications and heat shrink end caps for a complete range of cables.



- End Caps.
- Conductive End Caps.
- Breakouts.
- Boots.
- Sheds.





Dorman Smith switchgear Dubai ,a wholly owned unit of Dorman Switchgear Limited, UK, has been serving the Electrical Industry for over 130 years. The Dubai facility of Dorman Smith has been in operation for over 45 years supplying and servicing projects all over Middle East, Africa and far east countries.

Dorman smith Dubai designs, assembles, perform works test( routine Tests) & supply a whole range of Low voltage switchgear and control gears from the simplest Distribution boards to complex multi-cubicle switchboards.

- Main Power Distribution Boards In MODIS, Fully Type Tested Assemblies.
- Sub Main Distribution Boards in Loadbank Design, Fully Type Tested to the latest standard.
- Final MCB SPN & TPN Distribution Boards-LOADCENTRE type, wall mounting sheet steel clad, with isolators, RCCB & MCCB as incoming options.
- Motor control centers fixed types, Form 2, 3, 4.
- PF correction Panels.
- ACB, MCCB, MCB as loose parts.







HIKMICRO is a leading provider of thermal imaging equipment and solutions.

Specializing in SoC and MEMS design, development, and manufacturing, the company offers thermal detectors, cores, modules, cameras and total solutions to the global market, serving customers in more than 100 countries and regions.

Thermal cameras is an ideal solution which provides accurate non contact temperature measurement and heat distribution image for electrical & mechanical predictive maintenance, building inspection, HVAC inspection for commercial and industrial applications.

- Entry Level thermal camera
- Basic thermal camera
- Master thermal camera
- Genius (Professional) thermal camera
- Fix thermal measurement camera
- Mobile thermal camera



# ΗΙΟΚΙ

HIOKI E.E. CORPORATION is a manufacturer of electrical measuring instruments that was founded in 1935. Products in four categories--data recording equipment, electronic measuring instruments, field measuring instruments, and automatic test equipment--feature proprietary technologies. Our Head Office in Ueda, Nagano Prefecture, Japan brings together R&D, manufacturing, maintenance, and service departments, allowing us to offer high-quality instruments and fine-grained service.

- Power (Meter Analyzer Quality Analyzer)
- Power & Data Logger Memory Recorder
- LCR Meter & Impedance Analyzer
- Resistance Meter Battery Tester
- Digital Multimeter Clamp Meter
- Insulation Tester Earth Tester -
- Phase Detector
- Voltage Detector
- Infrared Thermometer
- Lux Meter
- Tacho Meter
- Sound Level Meter













Since being founded in Remscheid, Germany in 1879, Klauke has evolved from a manufacturer of high-quality pliers for the watchmaker trade to an international organization. Klauke develop, manufacture and distribute tools, testing, measuring and inspection devices, as well as connecting materials for electrical engineering applications.

All over the world, Klauke is renowned for its high quality, electrical connection technology and tools for crimping, cutting and punching. Klauke offer special purpose solutions for connection technology and tools to meet requirements in the most diverse sectors. Overall, our range comprises more than 10,000 products for trade, industry and the growth markets of renewable energies and modern infrastructure.

- Crimping Tools.
- Cutting Tools.
- Hand Tools.
- Universal Tools.
- Punching.





Nissad is a firm specialized in the commercial representation, marketing and sales of high quality industrial electrical products in Africa and the Middle East. Over the last 30 years, the company grew to a large extent and became known for its complete range of top quality and competitively priced electrical products and especially its excellent service. Now days, Nissad presents itself as a reliable supplier of industrial electrical prod-ucts in general and an expert in cable connection tech-nology in particular.

- PVC Electrical tapes.
- Cable Ties (Nylon & Stainless Steel).
- Cable Lugs & Sleeve connectors.
- Heat Shrinkable Tubing.
- Nylon Cable Glands.
- Cast Resin Cable Joints & Pending spring.
- Fish Tapes (Nylon & Steel)
- Wire Marking Systems & Cable Marker.
- Spiral Tube.
- PVC Cable Clip & Wire Nut.
- Floor Box.







Plymouth Rubber Group was born from the merger of three major brands in the market for Power Tapes: PLYMOUTH RUBBER COMPANY (USA), BISHOP (USA) and CINTAS NUÑEZ (Spain).

The combined experience of these companies with over 100 years experience in the industry allows us to be technologically one of the more prominent companies in the global electrical tape, highlighting the electrical tapes, rubber tapes, mastics, and other large number of complementary tapes.

Plymouth production is divided into PVC and rubber, cover-ing all industrial sectors requiring quality tape. Electric-ity, Telecommunications, Mining and Industrial

sectors are among those supplied by the company. New devel-opments are added daily to our product portfolio.

- Electrical Tapes.
- Telecommunications Tapes.
- Mining Tapes.
- Industrial Tapes.











The Bals company was established in Germany over 50 years ago.It manufactures an extensive range of high quality in-dustrial plugs and sockets.

- Power Distributing.
- Industrial Plugs and Sockets.







EFEN GmbH was founded in 1922 by Otto Frees in Neudorf, which today is known as Martinsthal. The original activities concentrated on the assembly of electrical fuses for the automotive industry. Very soon, the product portfolio was expanded by the production of fuses for all kinds of applications including current-limiting fuses for low- and medium-voltage power distribution systems.

At the start of 2006 the EFEN Group was bought by the Swiss Weber AG, a company belonging to the Hager Group.

- Changeover Switches.
- Load Break Switches.
- Switch-Fuses.





American Polywater is the world's leading manufacturer of cable puling lubricants, cleaners and MRO & construction chemicals, The company was established in USA in 1974 and its product line includes telecom and power cable cleaners, general electrical cleaners, hot stick and boom truck cleaners, cable removal aids, cable pulling and blowing lubricants, pipe joint lubricant, conduit coupling adhesives, duct sealants, transformer leak sealants, solar panel wash, hand and tool cleaners, rubber goods cleaner and a host of other unique chemicals and accessories.

- Cable Pulling & Blowing Lubricants.
- Duct Sealing Kits.
- PowerPatch (Leak Repair System).
- Telecom and Power Cable Cleaners.
- Solar Panel Wash.















We help all types of enterprises to reach their goals by providing comprehensive range of products and service.

#### **Requirements fulfillment**

We receive your orders and drop-ship it directly to your customers for next day delivery, This means you don't need to hold stock or buy in bulk.

# SERVICES

All Of Our Focus Is On You

#### **Technical support**

Our technical support team offers a wide range of support with their extensive knowledge and expertise. Since we have an experience of 30 years, so we feel that your queries are acknowledged in a professional way.



#### **Extended Warranties**

For extra peace of mind we offer our customers with the option of extended warranty, which can be Extended up to 5 years on selected products.

Many items are covered from the date of purchase up to 12 months.

# Run's Academy

After many years in the industry, we gathered our knowledge, and used our experience to build strong information that can help to support and evolve your day-to-day business.

#### Quick support

We commit to our partners to reply to their business queries maximum within 24 working hours.

#### Presales support

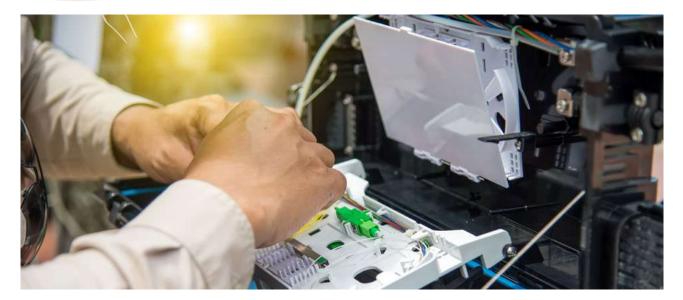
Since our staffs are technically sound & highly qualified which helps us to deliver right solution to our partners without any charge.

#### Logistic support

Full logistic support and free of charge delivery to all over the Kingdom.

#### Unique services

Maintenance and Calibration Center is present in Riyadh and we offer loaner units during that period.



# Technical Center

#### **Technical** Center

Through our Technical Center's experienced and trained team we offer complete proven services like Calibration & Service Center for Tools & Test Equipment, maintenance center support center & training center. **The highlights of Technical Center are:** Accredited & quality calibration services.

Centrally located quickly & efficiently service all of kingdom.

Fast turnaround for your critical test equipment.

All calibrations come with Certificate of Calibration.

Training center for passive cabling solution (Fiber Copper Equipment)

Optical fiber machines and equipment.

Professional services for fiber and copper certification.

Partner with International Training centers Light Brigade.





# Training Center

#### **Training** Center

Bright Wires can provide and arrange many types of training. Training can cover subjects such as using test and measurement equipment to accreditation courses.

We are Exclusive Training Partner for Light Brigade and Fluke Networks in Saudi Arabia.

Investment in developing the skills of test engineers and installers proves to them they are valued members of your business.

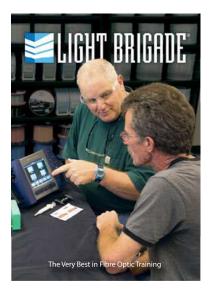
Giving them the skills to carry out their jobs correctly can boost their effectiveness which will reduce errors and boost your profits. The only way to rise above your competitors is to deliver a better service which requires highly skilled and trained staff.

For more information email us at training@brightwires.com.sa



Since 1987, The Light Brigade has trained more than 60,000 technicians, installers, engineers, and designers from a wide variety of industries:

telephony, broadband, utilities, media and broadcast, industrial, manufacturing, mining, government, aerospace, and the military. Our professional instructors and technicians have a variety of real world practical experience in all aspects of fibre optics. With experience in applications such as communications, signaling, security, and network control, our instructors provide valuable insight into the design, installation, and operation of state-of-the-art fibre optic systems.



#### Hands-on Training

Extensive hands-on training sessions help our attendees to learn fibre optics by doing rather than watching. Attendees spend Technology-based

In our training classes, you receive an objective viewpoint, not a sales pitch. We teach techniques that are applicable to any product, and we select the best available equipment and supplies from many different manufacturers. Continuing Support

To ensure continued long-term support, we offer technical assistance to our class attendees. If you have a question or need guidance after the class is over, our staff is there to help. All alumni of our three- and four-day classes are also entitled to a 25% discount on additional.

Light Brigade training courses and DVDs.







#### Overview

This four-day class is structured with the first 2 days being focused on fiber optic technology knowledge then followed by 2 days of hands-on skills training with a variety of tools, hardware and equipment. The information learned in this class will provide students with a practical understanding of how fiber optics works and the specific needs for FTTx networks. The hands-on skills training will teach students how to properly prepare, install, test and maintain fiber-tothe-home/building/curb (FTTx) physical networks.

Attendees will work with PON and active Ethernet FTTx systems and equipment as well as learn about the requirements and impact of codes and ITU/IEEE standards. Students will test a variety of configurations including WDM and splitter testing with FTTx test equipment such as PON power meters and optical time-domain reflectometers (OTDRs). This class provides the right preparation for taking the ETA-International's FOT-OSP Certification Exam.

#### **Course Level**

Introductory to intermediate. Beginners to experienced fiber technicians find the class and extensive hands on skills training beneficial.

#### **FTTx for Installers and Technicians**

#### **Classroom (2 Days)**

FTTx Methodology Optical Fiber and Cable Termination Options Splitters OLTs and ONTs Panels, Closures, and Cabinets Installation, Maintenance, and Restoration

#### Hands-on (2 Days)

Cable, Closure, and Panel Preparation Mid-entry Practices Inline and Pigtail Splicing OTDR Testing and Signature Interpretation Testing Splitters Testing OLT and ONT Power Levels Troubleshooting

E-manual & Printed manual (Included) ETA FOT-OSP exam and certification (Included) ETA Fiber Optic Technician — Outside Plant Valid for four years. BICSI: 30 ITS CECs









#### Overview

Why certify your technicians? As a Project Manager you want to ensure good workmanship, you know it is tough to find qualified temporary workers and you want to optimize the return on investment made in the cabling infrastructure certification instrumentation.

With the new advances in copper and fiber cabling technology you need to train and certify existing employees to stay competitive in the installation and certification of high-speed structured cabling systems.

At the same time, it is a known fact that users only superficially know the instruments they are using and as a result do not fully leverage the capabilities of the testers to increase overall profitability and to shorten the time to system acceptance.

Investing in Fluke Networks' two-day training and certification program will not only improve installer skills, but also their effectiveness and productivity on the job in project management, testing, certifying, troubleshooting and documenting cabling systems.

## **CCTT Training & Certification**

The two-day course, developed by Fluke Networks, is split-up in a "Copper" and a "Fiber" day. There is a strong focus on the capabilities and operation of the member of the VersivTM Cabling Certification Product Family. Students apply concepts in extensive, hands-on exercises.



#### 2-day course

#### Day 1 - Copper testing & certification

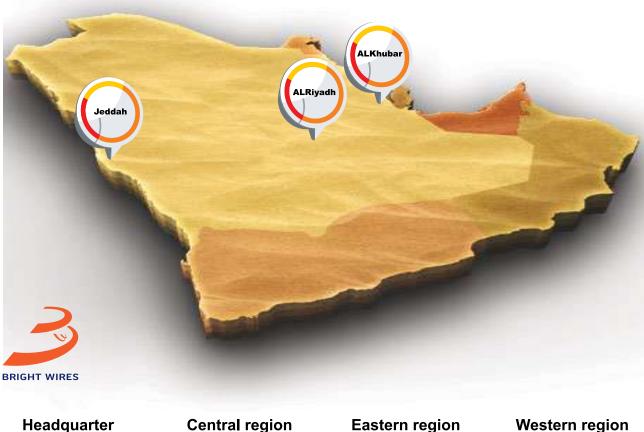
- Copper standards
- Testing configurations
- The permanent link
- Overview
- Hands on copper testing
- Proper set-up
- Interpreting results
- Labelling & saving tests
- Basic diagnostics
- Advanced diagnostics

#### Day 2 - Fiber testing & certification

- Network & fiber basics
- Standards
- Common fiber tests
- Hands on fiber testing
- Proper set-up & configuration
- Interpreting results
- Labelling & saving tests



# **REGIONAL PRESENCE**



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