

COMEL

COMERCIAL ELECTRO-INDUSTRIAL, S.A.

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About us

Commercial Electro-Industrial, S.A.
is a company specialized in
**TELECOMMUNICATION
AND INDUSTRIAL
cables and connectors.**

// The broad spectrum that the cable market covers and the specialization that we have in COMEL as a comprehensive provider of solutions (industrial cables, fiber optics, voice and data, solar) allow us to be present in essential projects in different markets: automotive, naval industry, IT, telecommunications...



COMMERCIAL ACTIVITY since 1979



NATIONAL COVERAGE



PRESENCE IN IMPORTANT PROJECTS

COMEL

COMEL



Vision

To serve the cable and accessories market at an industrial and telecommunications level globally, covering all the solutions necessary for the client.

Mision

To position itself as a market leader in distributing special cables for the industry and telecommunications, investigating the national market and the internationalization of its products.

Values



TRUST



OPPORTUNITY



METHODOLOGY



TEAM



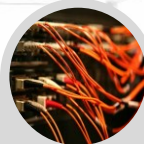
QUALITY

Markets



CMINDUSTRIAL

Our product range in cables covers most needs, and a line of industrial connectors complements it for communications networks in production lines (Industrial Ethernet).



CMFOP

Comel offers turnkey solutions for fiber optics FTTH projects, including project engineering to the supply of passive elements and implementation of active equipment.



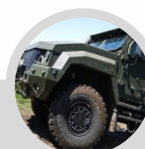
CMSOLAR

This new range is made of cable systems for DC; both control in copper, aluminium and fibre optics; MC4 connectors and bypass connectors; grounding systems, terminals, harnesses, etc.



CMLAN

We have our engineering and training Department, in which we offer certification courses for installers and sales training to our distributors.



CMSYSTEMAS

Comel has developed a new business line to give a value-added service and satisfy the continuous growing demand from our customers within this area.

We offer complete solutions in manufacturing, electronic equipment connectivity and cable assemblies.



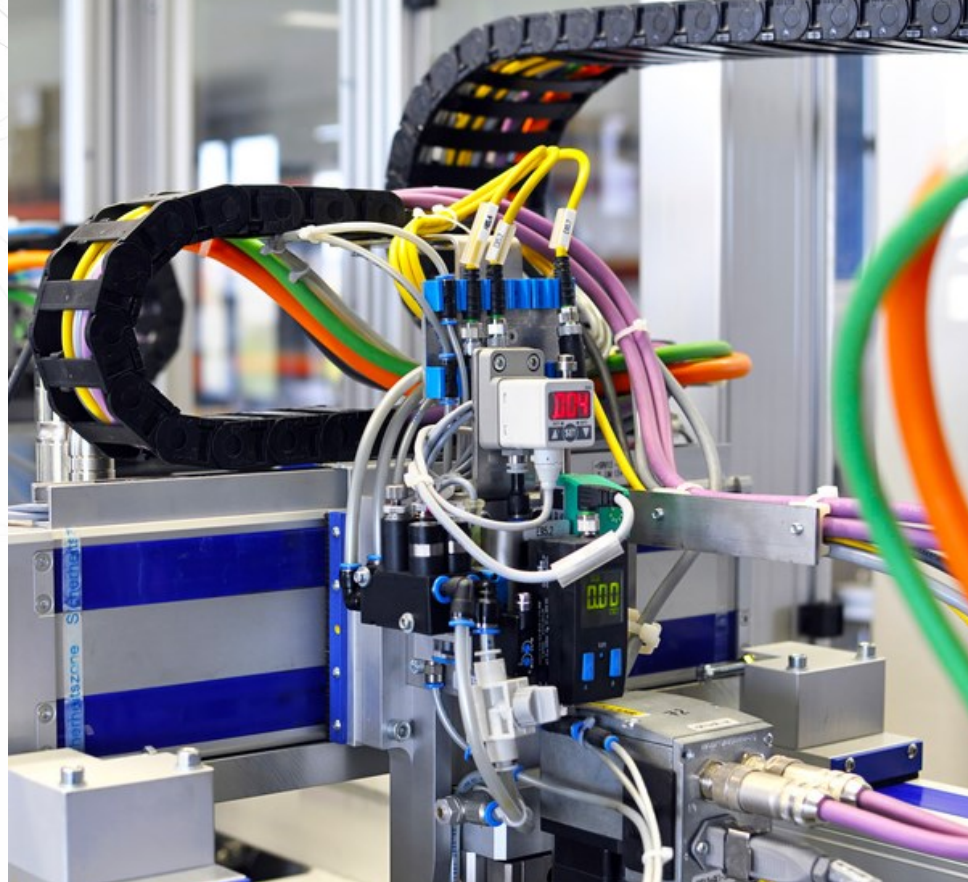
CMNAVAL

The marine catalog consists of cables, connectors, and the most commonly used accessories for nautical communication installations.

COM INDUSTRIAL



COMEL has broad experience in the Industrial sector after being an **exclusive distributor** of LAPP KABEL in Spain for more than 30 years. This has allowed us to get expertise in numerous **projects domestically and internationally**, participating in engineering to define and design special cables for specific applications in industries from various sectors.



Solar plants

Automotive

Wind farms

MILITARY

Oil & Gas

Marine

Railways

INDUSTRIAL CABLE

- Power cables (universal, extreme conditions, servos, energy chains).
- Data transmission systems (RS485 / RS422, PROFIBUS, DEVICE NET, Sensors).
- Industrial connectors (rectangular, circular, solar).
- Metric and PG threaded cable glands and accessories (polyamide, brass, steel).
- Cable protection and guiding systems (plastic, metal tubes).
- Identification systems.
- Accessories and tools for cables.

INSTRUMENTATION AND CONTROL CABLES

- Control multi-connector cables (audio, communications, alarms, security).
- Paired control cables (classic, UL standard, CSA standard, frequency inverters).
- Cables for industrial sensors and actuators.
- Cables for the robotic industry (neoprene, rubber, silicone, high temperature).

INDUSTRIAL DATA-VOICE CONNECTORS

- System components for plant distribution Cat.6 / 6A / 7 / 7A.
- System components for installation in Cat. 6 / 6A / 7 / 7A cabinets.
- System components for field wiring (metal/plastic).
- Connectors from IP20 to IP67 and accessories.
- RJ45 and fibre optic connectors, adapters and patch cords.
- Tools and connection elements.





// The broad spectrum that covers the Optical Fiber market and the specialization that Comel has as a reliable solutions provider, also helped by our experience and stock, makes us one of the leading suppliers of this market, supporting and helping our customers at all times.



Installation companies Engineering companies Power grid companies
Local and national telecom operators

FIBER OPTIC CABLE

Singlemode / Multimode.

9/125 (OS2) – 62,5/125 (OM1) – 50/125 (OM2, OM3, OM4)

Dielectric protection / Mechanical protection.

Fiberglass / Kevlar – Corrugated steel strapping.

Exterior / Interior.

PE / LSZH.

Loose / Fitted.

ODN

Pigtails - ST, SC, LC, E2000, Pigtail Sets.

Jumper - Duplex, Simplex.

Connectors / Adapters - ST, SC, LC.

Boxes / Torpedoes - Interior / Exterior.

ACTIVE EQUIPMENT

ONT

1GE + 1 TELEFONÍA

4GE + 2 TELEFONÍA

4GE + 2 TELEFONÍA + WIFI

4GE + 2 TELEFONÍA + WIFI + RF

OLT

Small (Max. 2048 ONT)

Medium (Max. 6144 ONT)

Large (Max. 16384 ONT)

Transceiver.

Media converters.



COMELAN



COMEL offers complete solutions for **Ethernet networks**, either for the copper or the fibre optic markets. We cover customer needs in both the office environment and industrial facilities where **strength, protection and versatility** may be required. We complete this business line with **our coaxial solution**, where can be found cables and connectors upon customer demand.



Data centers

MILITARY

Residential

Industrial

Radio frequency

Video broadcasting

DATA-VOICE

- Structured cabling UTP, FTP, SFTP, etc. From Cat. 5E to Cat. 8.
- Singlemode and multimode fibre optic cables up to OM4, preconnected and without connection.
- Keystone format RJ 45 modules, fibre faces and pigtailed.
- Patch Panel (regular and intelligent), both in copper and fibre optics.
- Patch Cord (screened and unshielded), both in copper and fibre optics.
- Workstations (surface, built-in, false floor, table, etc.).
- Wall and floor rack up to 47U and 1200 depth.
- Switchgear (blank panels, grommets, PDU's, Sais, ventilation kits, etc.).

COAX

- High and low frequency coaxial, rigid, semi-rigid and super flexible.
- Coaxial crimp and solder connection connectors.
- Loads, attenuators, aerial and panel transitions.
- Gas dischargers.
- Patch panel for transitions.
- Hoses with any connection and of any size.





Given the **spectacular growth** in the generation of renewable energy in Spain, COMEL has launched a new line of products for the sector of **photovoltaic plants and self-consumption** facilities.



Self-consumption

Photovoltaic plants

SOLAR CONDUCTORS

Type H1Z2Z2-K in copper from 2.5 to 185 mm² Y RV, XZ or CM SOLAR IEC 60502-1 in aluminium from 25 to 630 mm²

CONNECTORS

MC4 1500 V (DC) UL and TUV certified up to 63 A., compatible.

Aerial fuses: cable / cable, cable / MC4 male, cable / MC4 female and MC4 male / female.

Harness MC4: range of patch cords, branches and trifurcations of factory-connectors cables.

Insulation connectors.

OPTICAL FIBER

Singlemode OS2 and Multimode OM1 and OM2.

Unitube or multitube up to 24 FO and multitube up to 96 FO.

Cables with dielectric and metallic anti-rodent armour.

Traction between 1000 and 2500 Nw.

BUS CABLE

Control of systems where telecommunications cables are required for RS 485 protocols.

Cables for interconnection buses, Canbus, Modbus or Ethernet protocols.

CONNECTION TERMINALS

Wide range of terminals for conductors up to 630 mm² | Copper, aluminium and bimetallic.

Complying with EN50182 and EN13600 standards.



CM SISTEMAS



We provide consultancy, technical advice and implementation of products related to electric and electronic connectivity.



Aeronautical

Marine

MILITARY

Railway

Automotive

Industrial

Telecom

COAXIAL – RIGID AND SEMI-RIGID CABLES

Military
Radio frequency
Video-communication

INDUSTRIAL AND MILITARY RECTANGULAR OR CIRCULAR CONNECTORS

Machine tools
Robotic arms
Aerospace
Naval
Railway

CABINET MOUNTING, WIRING AND EQUIPMENT INTEGRATION

Telecommunication

SETS AND SUBSETS OF ELECTRICAL AND ELECTRONIC CONNECTIONS

State security
Connected wiring for LED lighting
Automotive
Lift systems
Shops



Our suppliers



Telegärtner



Smart Link Better Life.



LAPP GROUP



Our projects



EM INDUSTRIAL



EM FOP



EM LAN



EM SISTEMAS



Quality



Since 1996 we have the ISO Quality Certification that endorses us as managers of exemplary service to our clients, with high-quality products.



Bureau Veritas Certification



Certificación

Concedida a

COMERCIAL ELECTRO INDUSTRIAL, S.A.

CL SIERRA DE GUADARRAMA,74 PG IND SAN FERNANDO II -
28830 - SAN FERNANDO DE HENARES - MADRID- ESPAÑA

Bureau Veritas Certification certifica que el Sistema de Gestión ha sido auditado y
encontrado conforme con los requisitos de la norma:

NORMA

ISO 14001:2015

El Sistema de Gestión se aplica a:

COMERCIALIZACIÓN DE CABLES ELÉCTRICOS, CABLES DE FIBRA ÓPTICA, MATERIAL DE CONEXIÓN, EQUIPOS DE RED LOCAL, HERRAMIENTAS DE PELADO Y ENGASTE Y ACCESORIOS. REALIZACIÓN DE CABLEADOS A MEDIDA (COAXIALES, CABLES, INSTRUMENTACIÓN Y CONTROL Y SEÑALIZACIÓN Y DATOS).

Número del Certificado:	ES130344 - 1
Aprobación original:	30-08-2019
Auditoría de certificación/renovación:	31-05-2022
Caducidad de ciclo anterior:	29-08-2022
Certificado en vigor:	30-08-2022
Caducidad del certificado:	29-08-2025

Este certificado está sujeto a los términos y condiciones generales y particulares de los servicios de certificación

Bureau Veritas Iberia S.L.
C/ Valpantillo Primera 22-24, Edificio Caoba, 28108 Alcobendas - Madrid, España



Bureau Veritas Certification



Certificación

Concedida a

COMERCIAL ELECTRO INDUSTRIAL, S.A.

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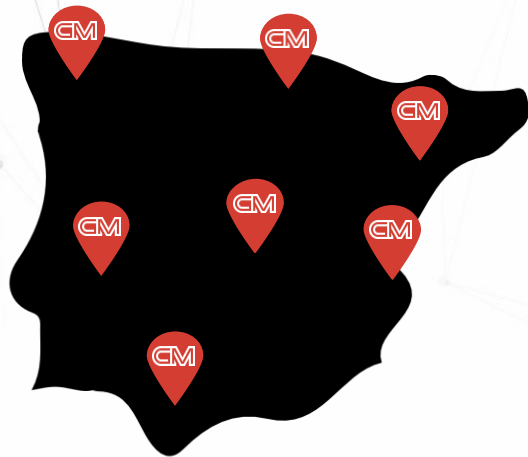
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Aprobación original:	14-12-2002
Auditoría de certificación/renovación:	31-05-2022
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