



YOUR REFERENCE PARTNER
IN THE FIELD OF
ELECTRICAL CONNECTIONS

Electric cabling in small, medium and large series
Co-mouldings - Assemblies



EXPERIENCE, QUALITY, RELIABILITY

Since 2006, ICS Elettronica S.r.l. has been doing industrial cabling to specification, and distributing electrical and electronic equipment. Assemblies of equipment with supply of material in outsourcing or full service. We are a lean, dynamic, highly specialised company ready to give clear, comprehensive answers in a short time.

Quality and reliability characterise all the operational phases of our work from design through our **internal technical office**, to the development of the prototype and final production.

To improve the quality of our work and open up to the needs of new markets, every year we invest part of our turnover in **new equipment**.

To ensure the reliability of our service and our products, we only purchase raw materials from established manufacturers/distributors who allow us to offer consistently high quality on deliveries.

We interface with all those companies that handle equipment for industrial automation, banking automation, banking security, vending and vending machines, access control, home automation, burglar alarms, video surveillance, home appliances, automotive, telephony, uninterruptible power supplies, power distribution, lighting and electromedical equipment.

OUR OPERATING AREAS

- design and production of cabling to customer specification
- creation of cabling to specification
- co-moulding of connectors and shells with the Hot Melt system
- assembly of electronic boards traditionally and with SMD
- assembly of complete equipment
- testing of low voltage and high voltage (1000V) cabling
- where necessary complete



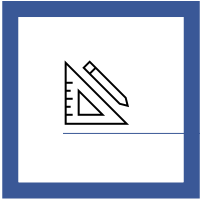
- or sample testing of the equipment developed
- consultancy in the choice of raw materials to be used or if necessary development of custom products

- resale of: unipolar, multipolar and custom (special) cables, industrial connectors, electronic components

OUR MACHINERY

- 4 complete KMI/WIRMEC cutting, peeling and crimping lines
- 2 lines of Schleuniger PS 9500 cutting machines
- 1 SAMEC cutting machine line for cables up to 70 mm
- Mascon automatic crimping line
- Hot Mealt co-moulding line
- Panduit automatic strapping machine
- Automatic skeiner
- Automatic/manual presses for naked and pre-insulated terminals
- Schleuniger CS 5400 coaxial cable stripper
- Huge range of mini applicators, bench strippers, electronic dynamometer for crimping checks, testing equipment





WE PRODUCE

Insulation perforating cabling with

- Flat cable AWG28 pitch 1.27mm UL 2651 from 6 cores to 64 cores
- Round flat cable AWG28 pitch 1.27mm UL 2651 from 6 cores to 64 cores
- Flat cable AWG28 pitch 1.00mm UL2651 from 10 cores to 80 cores
- Flat cable AWG30 pitch 0.63

Cabling with connectors and crimped terminals with standard or MIL standard crimping using

- Single core cables from 0.08mm² to 70mm² in PVC/Silicone/Vulcanised rubber/Teflon/Radox/Tefzel
- Single core UL/CSA cables AWG28 to AWG8 Style 1007,1015,1569
- Multicore cables up to 35mm sheath diameter in PVC/Silicone/Vulcanised rubber
- Coaxial cables
- Telephone cables
- Twin leads
- Spiral cables

Complex or structured cabling

We do **complex or structured cabling** using several types of connectors and cables inserted in their turn into tubular sheaths.

We handle the best brands on the market:

3M, AMP, Amphenol, Assmann, Berg, BM, Belden, Cembre, CDM, Connei, Don Connex, FCI, Fischer, GMG, Harting, Hirose, Inarca, JST, Legrand, Lemo, Lumberg, Molex, Neltron, Pancon, Panduit, Phoenix, Sauro, Samtec, Sumitomo, Stelvio, Tyco, Weidmuller, Wurth Elektronik.



ICS Elettronica S.r.l. specialises in the **design and production of electrical cabling to customer specifications**. To offer only the best product to our customers, we design the piece to be made and forward a first detailed cost estimate suggesting improvements. In a subsequent technical specification we clearly note the various stages of production and, when necessary, submit a sample for approval before starting production.

IMPORTING CABLES

Our sales and logistics network is able to provide any type of cabling to customer specifications, even in the case of high volumes.

Thanks to our hand-picked suppliers in the Far East, we can deliver both cabling and special connectors/ accessories in a **short time** and at **advantageous prices**.





Assemblies



ICS Elettronica S.r.l. offers its **ten-year experience** for the complete assembly of Electronic and Electromechanical Equipment.

It works with **small assemblies** of simple carpentry or small control boxes, or **complete assemblies** of complex products such as vending machines for beverages/food, multi board control boxes, small electric appliances, bill counting machines, POS, standard and led spotlights/lamps, accessories for the automotive industry.

By contacting ICS Elettronica S.r.l. for its assembly service, the customer has a **two-fold advantage**: he obtains a complete, tested and ready-to-use product and only has to deal with a single contact, thus controlling time and costs.



EXTRA SERVICES

"HOT MELT" resin moulding of cable ducts, protection shells, sealing supports, protection joints, directly on the cable and as a separate accessory.

Distribution of Electronic Components
Resale of various types of cable
Cable marking
Labelling

Cable banding
Packaging and everything else you may need to improve, customise, protect or identify the required cabling.



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