

Introducing WIR

A short glimpse into the history and
product range of
WIR electronic GmbH



Who is WIR ?

Cable manufacturing to your request - is our passion. We have been achieving this task since 1987 with a highly motivated and qualified staff - fast, precise and reliable at our premises in Sayda/ Ore Mountains.

Whether prototype, serial production or special request – WIR is the expert. WIR is fully advising you with the solution of our technical challenge. Extensive experience, our wide and highly-innovative manufacturing range, tool and testing equipment as well as the complete documentation of our manufacturing processes guarantee for the reliability and quality of our products.

You are looking for a reliable partner, a personal contact and a short decision path? You require high-quality products with a 5-year warranty, made of first-class materials, manufactured with the craftsmanship and inventiveness of an innovative mid-sized company based in Germany? New approaches and unconventional solutions are important to you?

WIR offers all of it. Every day.

Test us!

WIR offers:

data cables | single conductors (0.05 mm² to 70 mm²) | flat ribbon cables | teflon cables | cable sets | cable trees | coaxial cables | shielded cables with up to 50 pairs of conductors | fibre optic cables | power cables | drag chains | testing cables | control cables | bus cables (CAN, EtherCAT, PROFIBUS, PROFINET) | panel mounting | component assembly | switch cabinet construction | excess lengths (e.g. VGA- cable of up to 50 m) | ultra-short cables (e.g. patch cables from 0.1 m, coaxial cables from 0.05 m) | manufacture of cleaned cables (precision/ optical industry, medical technology, LRT) | plastic injection moulding (e.g. RJ45 straight/ angled; M12 a-,b-,d-, x-coded, custom-made plug connectors) | custom-made cables accurate to the centimetre | individual inserting solutions for special cables | custom-made manufacture of special cables | custom-made manufacture of plug connectors | development of special solutions | processing and manufacture of UL-listed cables and components

planning | developing | testing | cutting to length | dismantling | crimping | soldering | tin-plating | embedding | insert moulding | inserting | wrapping | grinding | polishing | printing | wiring | assembling | mechanical processing | measuring | testing | documenting

WIR is processing:

We process cables with a cross section from AWG30 (0.05 mm²) to 70 mm² and provide a wide manufacturing range with approximately 4,000 plug connectors and pins. About 5,000 items in stock and our 400 suppliers provide a fast supply. Our approximately 300 crimping tools guarantee a professional processing of any plug and pin.

Among others we are processing materials of the following manufacturers:

AMP | Amphenol | Belden | Binder | Coninvers | CONEC | Dätwyler | Deutsch | Delphi | ERNI | Escha | Euromicron | FCI | FCT | Fischer | Glenair | Harting | Harwin | Helukabel | Hirschmann | Hirose | Huber + Suhner | Hummel | IGUS | ILME | ITT Canon | JST | KroSchu | Klauke | Kundenbestellungen | LAPP Kabel | LAT | Lear | Lemo | Leoni | Lumberg | Medikabel | Metz Connect | Molex | Multi Contact | Phoenix | SAB Bröckskes | Samtec | Sommer Cable | Souriau | Sumitomo | Telegärtner | Tyco Electronics | Weidmüller | WIR special cable | Yamaichi | and many more

WIR supplies to:

The following industries belong to our range of customers:

- Medical device- und analysis technology
- Industrial image data processing
- Railway and road vehicle manufacturing (e.g. agricultural engineering, special vehicle construction)
- Measuring technology
- Automation technology
- Precision mechanics / optical industry, laser technology
- Information technology
- Electro-technology and electronic industry
- Telecommunications
- Aerospace technology
- Defence technology
- Shipbuilding industry
- Mechanical engineering
- Device and equipment manufacturing
- Communications engineering, TV and studio technology

Our Manufacturing Program

- excerpt -



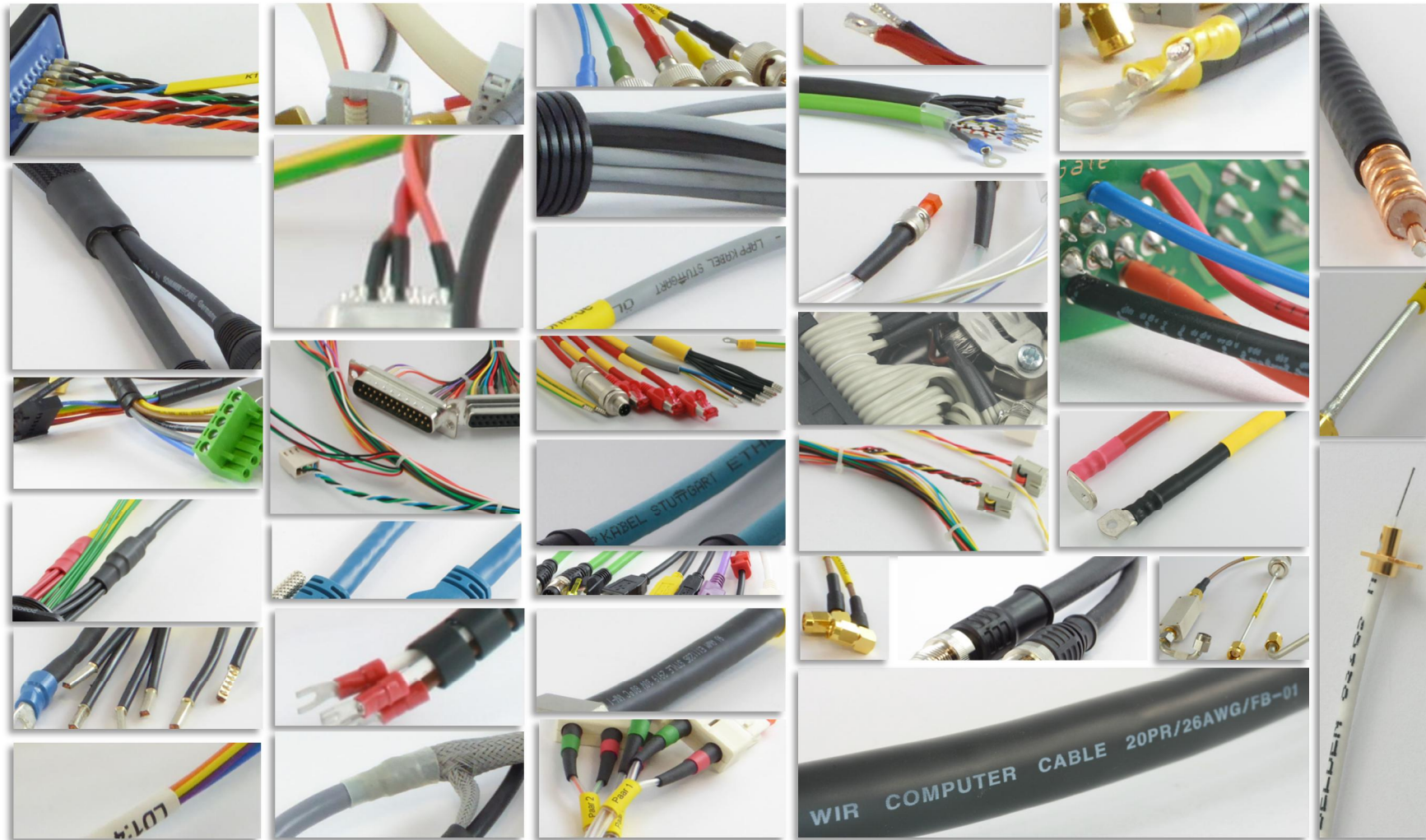
Examples of coax assemblies



Examples of connectors



Examples of cables and strands

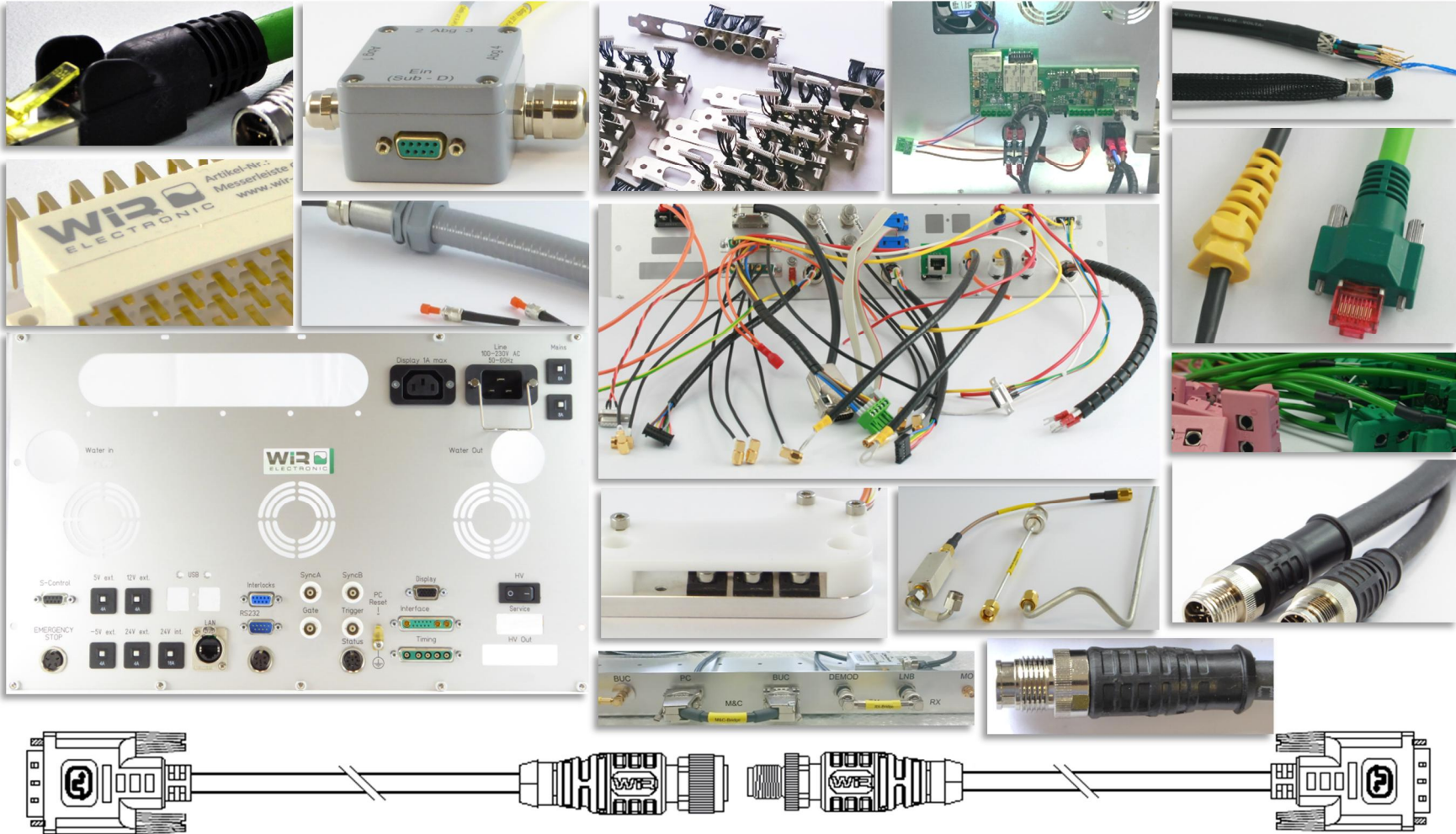


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Examples of special cable assemblies



WIR ...

... auf einem Blick

- Gründung der Firma 1987
- Kabelkonfektion in Sayda seit 1963
- Kupfer- und LWL-Konfektionierung, Kunststoffspritzguß
- ca. 25 Mitarbeiter
- ca. 180 Steckverbinderfabrikate
- ca. 300 Crimpwerkzeuge
- ca. 5000 Pinbelegungen
- ca. 5000 Lagerartikel
- Fertigung „Made in Germany“
- 100% Prüfung unserer Kabel
- 5 Jahre Garantie auf unsere Produkte

... at a glance

- established in 1987
- Cable manufacturing in Sayda from the beginning of the 1960ies
- Capabilities for manufacturing of copper, fibre optics and overmoulding
- approx. 25 employees
- approx. 180 different brands of connectors
- approx. 300 crimping tools
- approx. 5000 pin assignments
- approx. 5000 items in stock
- Manufacture „Made in Germany“
- 100% verification of our cables
- 5 year-warranty for each cable

Cable manufacturing requires effective connections.
One of those is the connection to us.



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