

BEST CONTACTS FOR YOUR SUCCESS



Manufacturing Excellence



Telegärtner UK

Cable Assemblies Services & Capabilities

Telegärtner UK – Manufacturing Excellence

Telegärtner UK has an excellent reputation for providing high quality, competitively priced cable assemblies for a variety of market sectors, such as telecommunications, industrial, medical, broadcast & marine. With over 30 years of experience in a wide range of markets, our expertise can be utilised to offer custom made assemblies according to customer requirements.

Telegärtner UK cable assembly capabilities cover coax, multiwire, overmoulded & panel assemblies as well as wiring looms. With production sites in UK and Slovakia, we can offer rapid prototype and pre-production service, highly skilled production staff following IPC620C workmanship standard combined with continuous improvement in production and test equipment.

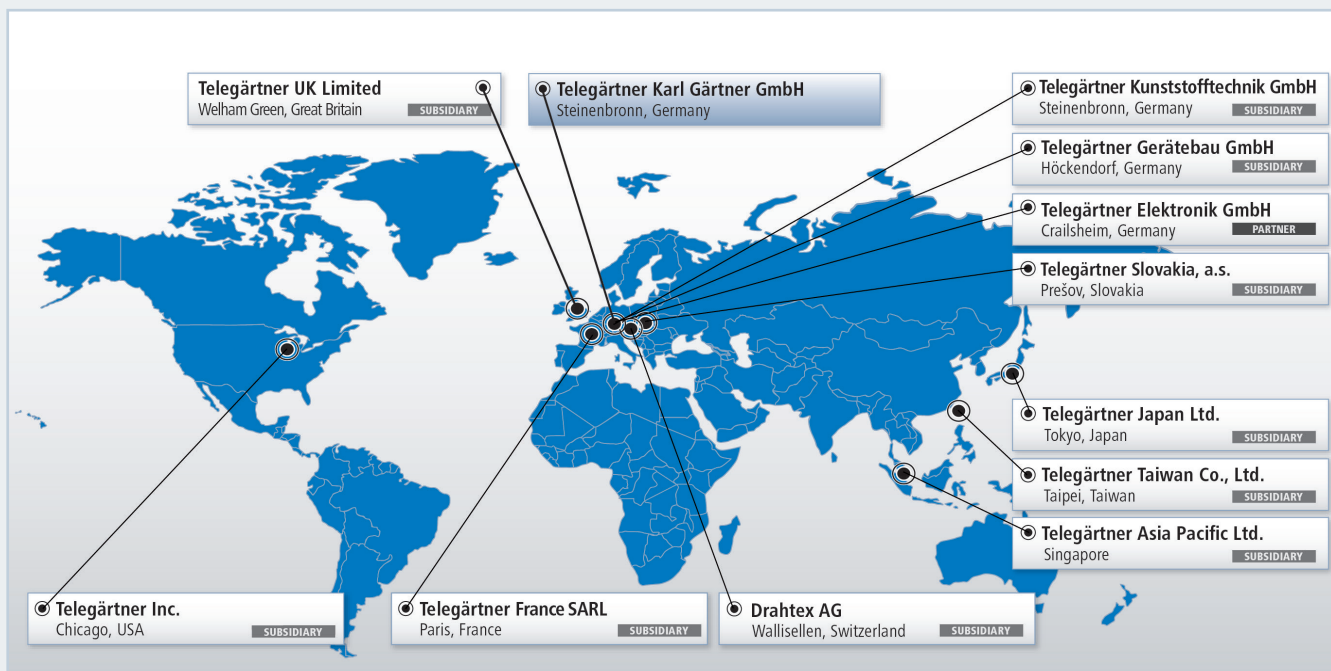
Telegärtner can offer you:

- Rapid prototype and pre-production service
- IPC620C workmanship standard
- Manufacturing in UK and Slovakia
- Overmoulding capabilities
- Design solutions using latest AutoCAD software
- Continuous improvement in production and test equipment
- Highly skilled and motivated staff
- Extensive purchasing and supplier knowledge
- ISO 14001:2015 approved
- ISO 9001:2015 approved



Telegärtner Group

Telegärtner UK is part of the German Telegärtner Group, a manufacturer of coax and data voice components. Being part of the Telegärtner Group, Telegärtner UK also has the access to use the Group worldwide network to facilitate global support of customers and the ability to use the other production facilities that cover turning of metal parts, plastic moulding and fibre cable assembly.



Flexible Coaxial Cable Assemblies

Telegärtner UK has been making coaxial cable assemblies since 1986. With a wealth of experience using state of the art crimping & soldering techniques and first class quality suppliers, Telegärtner UK has become a renowned European coaxial cable assembly expert. With a range covering a wide selection of assemblies from flexible standard coaxial assemblies to copper

corrugated antenna cable assemblies, Telegärtner UK can develop any new cable assembly project by using dedicated design and production engineers to assist and enhance the customer design & product realisation. As part of the solution we offer rapid prototype and pre-production services to provide customers with full support from the start of the project.

Telegärtner can offer you:

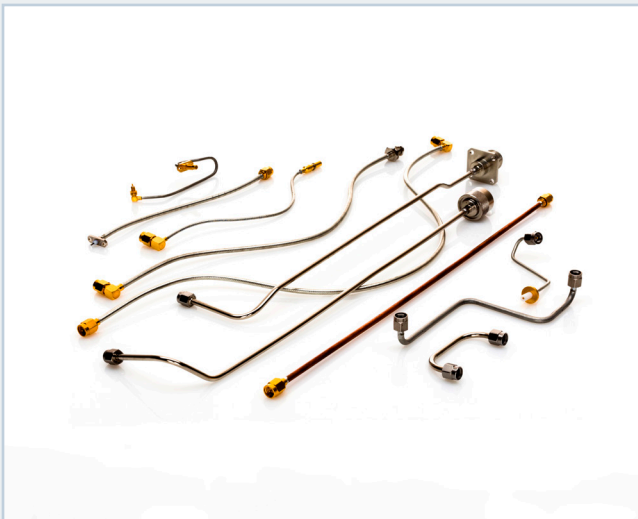
- Flexible standard/miniature cable assemblies
- Copper corrugated antenna cable assemblies
- Jumper cable assemblies
- Low loss RF cable assemblies
- All standard RF and RG/U cable types
- High power corrugated
- Low smoke zero halogen
- Coaxial attenuators and feedthroughs
- Standard and bespoke designs



Semi-Rigid Cable Assemblies

One of the key product areas for Telegärtner UK is the semi-rigid cable assemblies manufactured according to customer requirements. The developed length of the cable is accurately calculated using the latest AutoCAD 3D software to draw the cable design. Once drawn, our experienced

production engineers can utilise our automated semi-rigid bending machine to bend your cable assembly to any shape, perfect every time. Our recent investment towards a brand new bending machine ensures we can offer a high quality & accurate solution the first time, everytime.



Telegärtner can offer you:

- Conformable and semi-rigid cable assemblies
- Delay lines and Phase matched sets
- Precision formed using automated bending machine with software controlled bend head
- Temperature cycling using environmental ovens

Multicore and Data Cable Assemblies

Using our extensive list of quality suppliers, Telegärtner UK offers a wide range of multiwire and data cable assemblies. The selection ranges from simpler ribbon cable assemblies to more complex wiring harnesses and looms.

Telegärtner UK has produced complicated looms for existing customers in Broadcast and Industrial markets and many wiring harness cable assemblies for the Telecoms and Marine industry customers, each manufactured to the highest standard.

Telegärtner can offer you:

- Screened and unscreened
- Twisted pair and multicore
- Mixed signal and power
- Powerleads and coiled cords
- Industry standard cables (2MBIT / Alarm / PV / DMX / RET cable assemblies)
- Computer and data
- Ribbon cable assemblies
- Cable harnesses and looms



Overmoulded Assemblies

One of the key capabilities within Telegärtner UK is our overmoulded cable assembly manufacturing skills. Significant investments have been made to further enhance the moulding capabilities on site at our Slovakian facility. With newly acquired Arburg and Boy moulding machines the high pressure moulding capabilities have been considerably expanded. We have the

capacity to develop projects from beginning until the end and supply a diverse range of customers throughout a number of industry sectors, such as Medical and Telecoms. In-house multi-purpose tooling design ensures that the full range of cables and connectors are covered and can be seamlessly changed to provide high volume quick turnaround capability.



Telegärtner can offer you:

- High pressure thermoplastic elastomer
- Low pressure hot melt
- Small or medium sized designs
- Design and supply of multi-cavity tooling produced with AutoCAD Inventor
- Extensive experience

Panel Assemblies

To complement our cable assembly capabilities, Telegärtner UK also offers panel assembly services. Our panel assemblies are accurately designed using AutoCAD software in order to optimise the space and cable routes to give the best solution.

We offer customised designs using screen printing and PCB design skills to solve your design problems, resulting in offering bespoke panel assemblies and supplying the whole solution, manufactured and printed to customer specifications.

Telegärtner can offer you:

- Splice panels
- Interface and control panels
- 19" rack mounted panels
- Customised and printed panels to specification
- Complete solution, manufactured and printed to customer specifications



Enclosures and Box Builds

Telegärtner UK also offers enclosure and box build cable assembly solutions to ensure all product requirements can be fulfilled from one source. Telegärtner UK can provide turnkey solutions from R&D and procurement all the way to assembly. We can offer solutions made to customer specification and supply finished metal work painted & printed and populated

with connectors, cables, switches, wiring or PCBs to suite any application. Design efficiency is increased by integrating systems and re-engineering in order to supply the ideal solution to our customers. With extensive experience in this manufacturing area, Telegärtner UK is in a good position to supply to various market sectors, such as marine, automotive, military and aerospace.



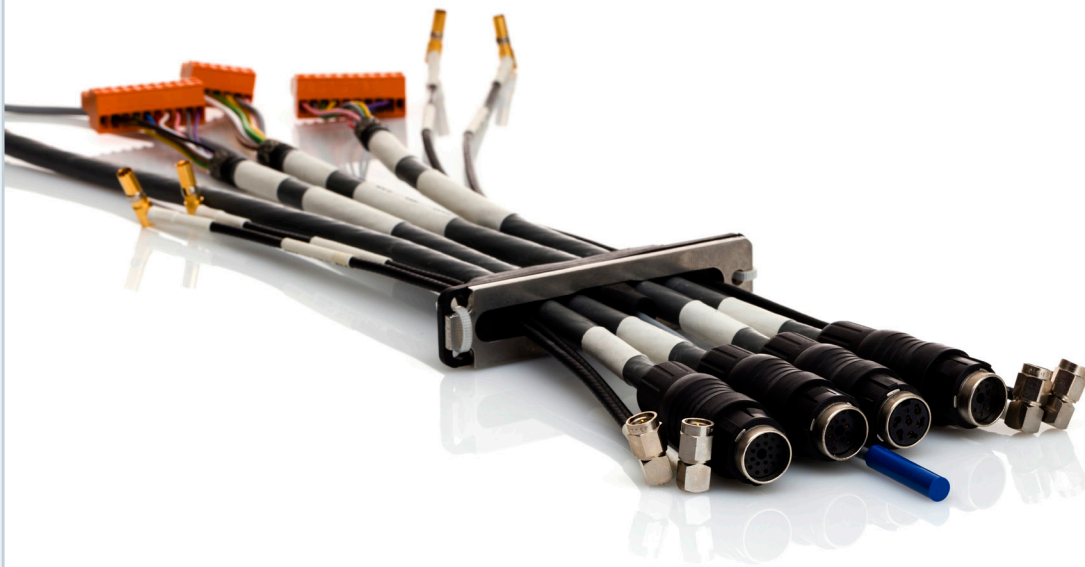
Telegärtner can offer you:

- Turnkey solutions provided (R&D, procurement and assembly)
- Metalwork supplied and finished to customer requirements
- Populated with controls, switches, wiring harness and PCBs (as specified)
- Integrating systems and re-engineering to increase design efficiency
- Servicing marine, automotive, military and aerospace markets

Subcontract Services - Specialist services

Telegärtner UK has successfully supplied other services to its customer base in a multitude of markets: Telecoms, Defence, Industrial, Marine, Broadcast, Medical, Automotive, Rail as well as Distribution. Seamless commercial and logistical support and

close attention to detail are some of our qualifications to meet the rigorous demands of the industries we supply. We can support our customers with kitting, testing and design services resulting in a complete solution from the beginning until the end.



Telegärtner can offer you:

Design

- Latest AutoCAD software
- .STP/.IGS/.DWG conversion
- 2D & 3D design

Testing

- Network analysis – from 300KHz- 40GHz
- VSWR / return loss / attenuation / delay
- Multiband passive intermodulation - 800 MHz to LTE 2600 MHz
- ATE Testing 100% of cable assemblies for continuity and high voltage breakdown (CIRRIS & ADAPTRONIC)
- BERT testing and data analysis (FLUKE)

Kitting

- Personalised kitting service
- Vendor reduction
- Purchasing partnerships
- Unit packing machines
- European hub

Telegärtner Slovakia

- Low cost production rates
- Lean production values
- European logistics
- Multilingual professional staff
- ISO 9001:2008
- IPC620C workmanship standards

Supplier Representation

Alongside supporting customers with their cable assembly requirements, Telegärtner UK also offers a wide selection of connectors, cables, speech communication products and connecting systems from a group of high quality manufacturers.

Our policy is to provide a comprehensive quality service and vital interface between the customers and the manufacturers we represent, resulting in a true one-stop-shop approach offering all required products, solutions and full service from one source.

Coaxial Connectors



Telegärtner

Comprehensive range of high quality coaxial connectors and associated parts to interconnect markets such as Telecoms, Industrial and Marine.

Datavoice Components



Telegärtner

DataVoice solutions for modern gigabit-speed networks from copper and fibre optic patch cords, panels and data outlets to connectors for industrial Ethernet applications.

Circular Connectors



Extensive range of high quality circular connectors from M5 to M25 for industrial, sensor, automation and measurement applications.

D-Sub & M12 Connectors



Wide range of D-sub connectors, hoods and accessories for Industrial applications. Extensive selection of M12 connectors for rail applications.

Cable Glands and Enclosures



Comprehensive range of cable glands for industry and explosion protection areas, industrial box enclosures and signal, power and data connectors for automation and drive technology.

Coaxial & Multicore Cable



High performance coaxial cables for Broadcast and Telecoms markets. Customer specific multiwire cables for industrial & automotive market segments. Low voltage special cables for audio and video field.

Speech and communication



High quality communication solutions & radio accessories including microphones, handsets, speaker microphones and loudspeakers for public safety, industrial and automotive applications.

Connecting Systems



Wide range of high quality 12-24 Volt range connecting systems for on-board electrical systems in cars, trucks, mobile homes, motorbikes and boats.

Telegartner
UK Limited

Unit 1 - A1(M) Business Centre,
151 Dixons Hill Road,

Welham Green,
Hertfordshire, AL9 7JE

Tel. +44 (0) 1707 636 600
Fax. +44 (0) 1707 636 638

Email. sales@telegaertner.co.uk
Web. www.telegaertner.co.uk