

## 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, rail, industrial, medical, broadcast and 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 individual customer requirements.

Telegärtner UK cable assembly manufacturing capabilities cover coax, multiwire, overmoulded and panel assemblies as well as wiring looms. With production sites in the 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.

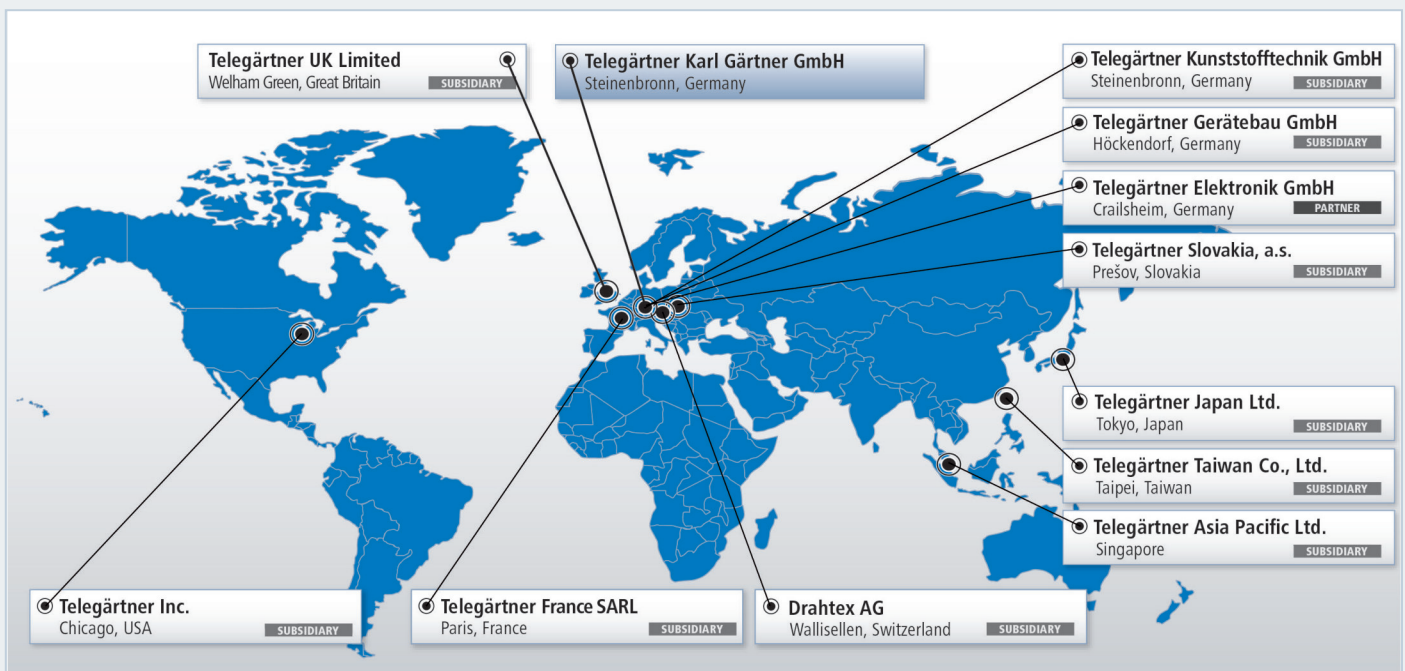
## Telegärtner can offer you:

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



## Telegärtner Group

Telegärtner UK is part of the German Telegärtner Group, a manufacturer of coax and datavoice 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.



# Multicore and Data Cable Assemblies

Telegärtner UK offers a wide selection of multiwire and data cable assemblies and wiring looms. The broad selection ranges from simpler ribbon cable assemblies to more complex wiring harnesses and assembly kits. Telegärtner UK has

successfully produced complicated looms for a variety of customers in Broadcast and Industrial markets and many wiring harness cable assemblies for the Telecoms and Marine industry customers, each produced to the highest standard.

## Telegärtner can offer you:

- Screened and unscreened
- Twisted pair and multicore
- Mixed signal and power
- Power leads and coiled cords
- Industry standard cables (2MBIT / Alarm / PV / DMX / RET cable assemblies)
- Computer and data assemblies
- Ribbon cable assemblies
- Wiring 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 at our Slovakian facility. With the recent acquisition of new overmoulding machinery, our high pressure moulding capabilities have been considerably expanded. We have the

capacity to develop projects from beginning until the end and supply a wide and diverse range of customers throughout a number of industry sectors, such as Medical and Telecoms. In-house multi-purpose tooling design ensures that a full range of cables and connectors is 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



# Enclosure and Box Build

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 to procurement all the way to assembly. We can offer solutions made to customer specifications and supply finished metalwork painted and printed and

populated with connectors, cables, switches, wiring or PCBs to suit 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, Telegärtner UK is in a good position to supply to various market sectors, such as marine, automotive, defence 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 variety of markets; Telecoms, Defence, Industrial, Marine, Broadcast, Medical, 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 full one-stop-shop partnership solution.



## 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 9001:2015
- IPC620C workmanship standards

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