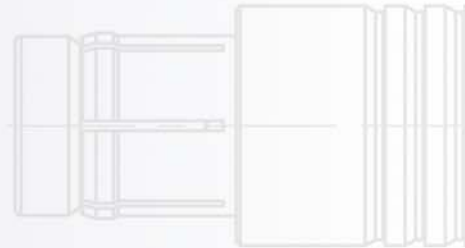


# *Fischer Cable Assembly Solutions*



Edition 1.0



Headquarters  
Fischer Connectors SA - Ch. du Glapin 20 - 1162 Saint-Prex - Switzerland  
Phone +41 21 800 95 95 - mail@fischerconnectors.ch - www.fischerconnectors.com

 **fischer**<sup>®</sup>  
CONNECTORS

Fischer Connectors provides complete, high quality turnkey solutions – connectors, cable assemblies and overmolding – all from one supplier.

## ***Fischer Cable Assembly Solutions***

In addition to leading edge connector technology, Fischer Connectors also provides complete cable assembly solutions for:



- Data transmission
- Power transmission
- Coax / Triax
- Fiber-Optic applications
- Fluid / Gas transmission
- Hybrid applications

## ***Fischer Value Added Services***

Our services include:



- Design assistance and validation
- Prototyping for customized cable assembly solutions
- Engineering expertise in various assembly and termination techniques
- Advanced in-process testing to ensure optimum reliability



- Full control and responsibility over the complete assembly including connector, cable and termination
- Integration of third party connectors
- World-class customer service





## Capabilities

Fischer engineering expertise provides standard and customized high quality cable assembly solutions:

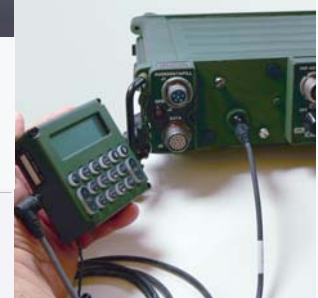
- Conventional cable termination using:
  - Cable clamp sets, see Core Series Catalogue pages 4-11 and 5-6
  - Cable bend reliefs, see Core Series Catalogue, Accessories page 11-2
- Overmolding
- Heat shrink
- Potting
- Fiber optic termination
- Low cost and disposable



## Application fields

Fischer provides complete cable assembly solutions for demanding applications.

- Medical
- Defense & Security
- Instrumentation
- Transportation
- Industry
- Energy
- Broadcast
- Extreme environment



## Overmolding

For improved cable bend relief, sealing and aesthetics.  
Suggested for short body connectors SS, SSC, KS and KSE.



### Key Features and Benefits

- Straight and right-angle cable orientation
- Large variety of solutions available for different cable diameters
- Various materials depending on application: thermoplastic and silicone
- Aesthetic design
- Integrated cable bend relief improves cable flex life
- Submersible cable solutions: enhanced sealing level with internal potting



## Heat Shrinking

For extra protection of wires and cable support.  
Suitable for short body connectors SS, SSC, KS and KSE.

### Key Features and Benefits

- Adds protection and support to exposed wires
- Potting and/or adhesive lined heat shrink can allow submersion
- Ideal for quick prototyping or low volume applications
- Use knurled clamp nut for resistant heat shrinking (See Core Series Catalogue, Accessories 11-1)
- Typical options:

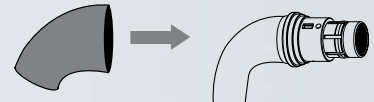
*Straight Tubing*



*Straight Boot*



*Right Angle Boot*



Please contact us for more details on cable assembly solutions.