

## Cable systems

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In the cable systems division RSF Elektronik develops and produces customized products and optimized solutions for the widest range of applications for you.

Our cable assembly provides high-quality standards for a reliable and safe electrical connection.

### COMPETENCES

- Fully automatic cutting machines
- Connector assembly using a range of joining techniques
- The latest crimping machines and fine-soldering work stations
- Tools and devices for all contacts and plugs
- Extrusion coating of components and cables
- Small- and large-scale production
- Manufacture of prototypes and initial samples
- 100% performance testing



### SERVICES

- Advance development and technology selection
- Production development
- Project planning and Project management

### TYPICAL APPLICATIONS

- Data cables
- Power cables
- Hybrid cables
- Cable drag
- System solutions



All cables and cable systems are produced using the latest production techniques at RSF Elektronik. Fully automatic cutting machines, automatic crimp force monitoring and comprehensive final inspection all ensure maximum flexibility and quality.

#### CRIMP TECHNOLOGY

- Automatic crimp force monitoring
- Preparation of crimp micrographs for every order (at the beginning and at the end of every process, and after a process failure)
- Trigger controls for every order and contact
- Reliable crimping processing for cable cross-section from von 0,032mm<sup>2</sup> to 35mm<sup>2</sup>



#### EXTRUSION COATING

- For plugs, cables circuit boards and cable ducts
- For the protection and sealing of sensitive components

#### SYSTEM DEVELOPMENT

- Cable systems with electrical and mechanical components
- Use of devices to simulate actual applications

#### QUALITY ASSURANCE

- Incoming goods inspection
- In-process inspections
- Inspection modules for all contacts and plugs
- 100% performance testing and electrical inspection
- Regular audits due to ISO 9001



**Our cable expert will be happy to provide further information. Please contact us or send an email to the address:**

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