

M2M and Wireless modules

European leader in advanced technology solutions



Get in touch:

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consult. design. integrate.

About Acal BFi

Acal BFi are Europe's leading provider of advanced technology solutions, operating in 12 countries throughout Europe.

We offer products across specialist technology areas, each with a dedicated pan-European sales team. Customers use our design-led expertise and expert consultation services to find the best technology solutions for their design, prototype and production needs.

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Products and support

Cables and Connectors

Embedded computing

Imaging

Magnetic components

Power

Semiconductors

Electromechanical

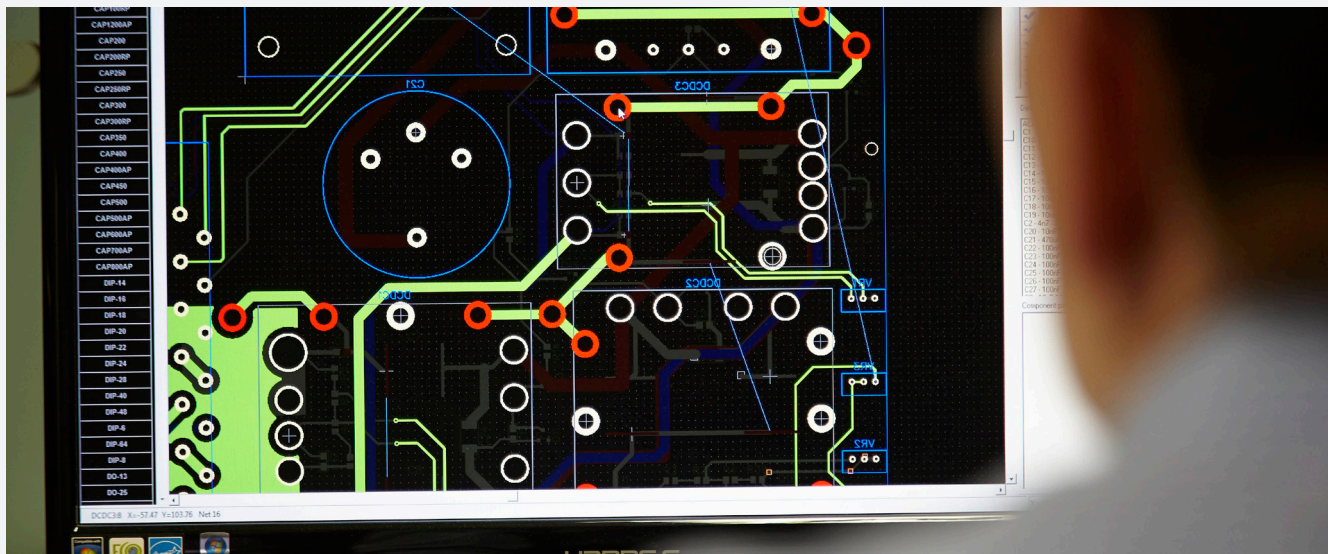
Fibre optics

M2M and Wireless modules

Photonics

RF and Frequency control

Sensors



Supporting a wide range of machine-to-machine (M2M) and wireless applications

Working with cutting-edge technologies from the world's best manufacturers, Acal BFi offer a wide ranging yet complementary portfolio of M2M products to meet the most demanding applications. We have partnered with brands at the forefront of the industry for GSM and GSM/GPRS products to bring you innovative and competitive technologies – from a single component through to complete packaged solutions.

Introducing the Acal BFi European Wireless Technical Competence Centre

The Acal BFi European Wireless Technical Competence Centre provides consultancy, turnkey design, and manufacturing to assist the successful design of wireless solutions across Europe.

The Wireless Competence Centre is situated in Zittau, Germany, and is home to our multi-discipline design team, including RF, hardware and software engineers. The team have the expertise to provide:

- end-to-end project support
- complete system design
- prototype realisation and development, and
- management of third-party-contract manufacturers.

Our team are adept at working with the latest innovations in wireless technology, and understand the individual needs of multiple markets to provide the most effective solution, whether 2G/3G/4G/GPS/Zigbee, WiFi or Bluetooth. Contact us to discuss your needs.

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Key partners overview

Acal BFi work with the leading manufacturers in their field, offering you a complete solution for your M2M communication needs.



Acal BFi's in-house manufactured customised cables and connectors are made to your requirements and our exacting standards.



Amiccom offer a complete product family of industry leading RF ICs.



Axsem are a leading fabless semiconductor company specialising in RF ICs, RF microcontrollers and LCD drivers. Offering the unique combination of excellent RF performance, minimal power consumption and high flexibility.



Eseye are a machine-to-machine specialist organisation providing global connectivity and M2M solutions for businesses all around the world.



Lantronix are a leader in secure communication technologies that simplify remote access, management and control of virtually any electronic device, regardless of location.



OriginGPS are a world leader in the development, manufacture and supply of advanced minimised GPS antenna-modules.



Sangshin Elecom are a leading manufacturer of electronic components including thermistors, frequency control devices, filters, resonators and antennae with over 30 years of experience in designing and developing microwave components and sensors.



Sierra Wireless are the global leader in M2M devices and cloud services, delivering intelligent wireless solutions that simplify the connected world. They offer the most comprehensive portfolio of 2G, 3G and 4G embedded modules seamlessly integrated with secure M2M cloud services.

Key technologies and suppliers

The Acal BFi M2M and Wireless modules portfolio



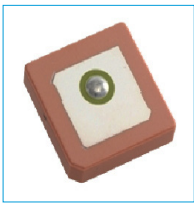
2G and 3G solutions

- Modules
- Integrated solutions
- M2M connectivity solutions
- SIM management platform



4G-LTE modules

- PCI Express
- Modules
- Boxed solutions
- Embedded modules



Antennae

- RFID
- Pig tailed solutions
- Chip antenna solutions
- GPS / GLONASS / Galileo / BeiDou patch antennas



Boxed modem / gateway

- 2G/3G/4G gateways and routers
- WiFi dual band
- Serial – Ethernet
- Serial – Cellular
- Analogue – Ethernet
- Terminal servers
- Serial/Ethernet – WiFi



Customised cables

- Bespoke assembly services
- Power cables
- USB cables
- Programming cables



Embedded networking

- Serial – WiFi
- Dual band
- Single chip solutions
- Serial – Ethernet
- Serial – Cellular
- Analogue – Ethernet



GPS and GLONASS

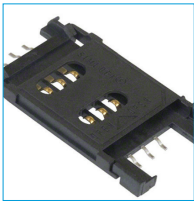
- Antennae module
- World smallest GPS solutions
- Navigation
- Timing





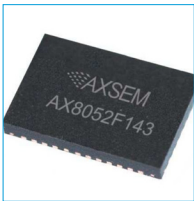
ISM modules / RFICs

- Radio modem
- Radio transceiver
- Radio transmitter/receiver



M2M / SIM card connectors

- PCB connectors
- Antenna connectors
- SIM card connectors



Sub GHz / Sigfox

- Sub 1 GHz transceivers
- Ultra low power microcontrollers
- Narrow band ISM



	2G and 3G solutions	4G-LTE modules	Antenna	Boxed modem / gateway	Customised cables	Embedded networking	GPS and GLONASS	ISM modules / RFICs	M2M / SIM card connectors	Sub GHz / Sigfox
Acal BFI					•				•	
Amicom								•		
Axsem								•		•
Eseye	•									
Lantronix				•		•				
OriginGPS							•			
Sangshin			•							
Sierra Wireless	•	•		•						



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