

# M2M and Wireless modules

European leader in advanced technology solutions



## 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





## 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.



**Amicom** 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.



**Microchip** are a leading provider of microcontroller and analog semiconductors, offering a broad portfolio of wireless solutions which are cost effective and easy to implement.



**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



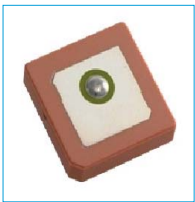
### 2G and 3G solutions

- 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



### Bluetooth

- Module
- Classic
- Low energy



### 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



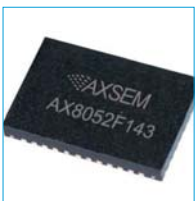
### ISM modules / RFICs

- 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	Bluetooth	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					•		•				
Microchip				•			•		•		
OriginGPS								•			
Sangshin			•								
Sierra Wireless	•	•			•						



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