Strong of its 40+ years experience in space, Exxelia offers the most complete space qualified passive components portfolio. From Space exploration to New Space constellations, from launchers to military satellites, Exxelia offers the capacitor, inductor, transformer, resistor, EMI-filter, potentiometer and tailored to the reliability level you need.
With more than 50 ESA QPL product series (film capacitors, class 1 and class 2 ceramic capacitors, solid and wet tantalum capacitors, inductors and EMI filters), Exxelia supplies most functions of a satellite platform, payload or launcher.
Exxelia is valued for its ability to develop standard and custom products complying with the most demanding qualifications.

Contact us [www.exxelia.com/en/contact](http://www.exxelia.com/en/contact)

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**Magnetics**

**SES & CMC**
- Good thermal dissipation
- + 20% power density
- Protected winding: enhanced robustness

**MIL STD-1553**

**Transformers**
- Height < 3.81 mm
- Transfer moulded product
- Withstands harsh environments

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**RF Chip Inductors**

**MPCI 2000**
- Low Tolerance up to 1%
- Frequency: 0.79 MHz - 500 MHz
- Voltage: 40 V - 400 V
- -55°C to +125°C

**High capacitance**

**DSCC 93026 & 10004**
- Capacitance: 10 µF - 10 000 µF
- Voltage: 10 V to 125 V
- -55°C to +125°C

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**Dielectric resonators**

**E7000**
- High Q factor: 25 000 at 10 GHz
- Frequency: 5 900 MHz - 37 150 MHz
- Custom shapes available

**Ferrites**

**A, D, NZ, U, Y Series**
- High magnetization
- High Curie temperature
- High continuous power

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**Coaxial resonators**

**High Q factor**
- Size 2x2 mm available
- Frequency: 300 MHz - 6 GHz

**Slip rings**

- Qualified for space environment SADM (Solar Array Drive Mechanism) System - Customizable

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**Flyback transformers**

**CCM magnetics**
- Pick and place friendly
- Frequency range: up to 1MHz
- Multiple outputs
- -55°C to +125°C

**High voltage resistors**

**HVD Series and custom**
- Very Low Noise
- Voltage: 4 kV - 40 kV
- Resistance: 100 kΩ - 2 TΩ
- -55°C to +150°C

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**EMI-RFI Filters**

- Multiple point feed through Filters
- D-SUB interface
- Capacitance: 200 pF - 4 400 000 mH
- Voltage: 25 V - 200 V
- -55°C to +125°C

**EMI Filters**

- Solder-in or threaded package
- Capacitance: 10 pF - 33 000 pF
- Up to: 10 A
- -55°C to +125°C

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