



MPE
Quality, Reliability, Performance

Company Bulletin

for EMC, EMP & TEMPEST Protection

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Meet the Ampere team – Andrea Casati, Roberto Picker, Antonella Bosotti, Lorenz Caselunghe



MPE filters are flying high with Ampere in Italy

MPE's distributor in Italy is Ampere, a family-owned business established in 1940 whose current President Roberto Picker is grandson of the founder Gerardo Picker. The company's main activities are the sales and distribution of instruments and systems for electrical measurement and test as well as EMC compliance products, whilst also offering in-house electronic laboratory services, site installations, commissioning and repair services to customers across Italy and beyond.

Ampere is located in Milan's business centre and is an ISO 9001:2008 and OHSAS 18001:2007 registered company, certified by DEKRA. It employs 23 permanent staff, including 7 sales engineers, 3 technical engineers and 4 service engineers.

Whilst Ampere has successfully distributed a variety of products from the MPE portfolio in the Italian market, to date the greatest success has been supply of products for use on the Eurofighter Typhoon aircraft. MPE and Ampere were originally approached to resolve an EMC issue within the design of the countermeasures system and, from Tranche 1 of the prestigious multinational Eurofighter program, MPE has supplied thousands of EMC filters through Ampere for this platform.

MPE's custom ceramic capacitors are incorporated into the control mechanism of the dispenser located below the fuselage for countermeasure chaff and flare decoys. MPE's filters are specified to provide this device with the highest level of electromagnetic interference protection, preventing electrical noise disturbance from the actuator. To date MPE has manufactured over 27,000 ceramic filter units for the platform and provides them on an ongoing basis for the latest export Tranches of Eurofighter.

In addition, Ampere continues to distribute many other MPE filter and capacitor products to the Italian market, and the latest focus is on the pluggable TEMPEST filter range. Ampere has recently translated the pluggable TEMPEST brochure into Italian, is actively progressing enquiries for this new product range and has numerous customer presentations planned for the coming months.

[Download the pluggable TEMPEST brochure in Italian via this link](#)



Strumentazione e Sistemi

As well as Roberto Picker himself, MPE's main contacts for EMC products at Ampere are Andrea Casati – Account Manager, Lorenz Caselunghe – Strategic Marketing Manager and Antonella Bosotti – Back Office Sales, pictured here. Lorenz joined Ampere earlier this year to expand their team: a graduate in electronic engineering, he has a career background in electronic navigation systems for leisure marine and automotive applications.

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