



Company Bulletin

for EMC, EMP, HEMP & TEMPEST Protection

Issue 28

World no.1 TEMPEST filters just got even better

MPE has been long established as the world's largest and most trusted manufacturer of pluggable TEMPEST filters. The company's present ranges have been supplied for over ten years, with many thousands of these "plug-and-go" units in service globally.

Filters for TEMPEST are countermeasures aimed at preventing eavesdropping on data radiated as signals via conducting lines such as power, telephone or control line cables. Now, because of the ever increasing demand for both its UK and EU pluggable TEMPEST variants, MPE has further improved on its proven designs with the implementation of new outlet sockets for its UK range.

Having integral covers, these new sockets provide an even more robust solution to the end-user. What is more, they have greater commonality with MPE's European range, and that wider availability minimises manufacturing lead-time for any models not currently in stock.

As previously reported in Company Bulletin Issue 23, all of MPE's TEMPEST filter products are assigned NATO Stock Numbers, unique codes for NATO organisations to reference and use. The assigning of NATO Stock Numbers to the entire range of MPE TEMPEST filters is testament to their world-leading status and their maturity, performance and reliability in a host of army, navy and air force applications.

All filter components are manufactured and tested at the MPE factory in Liverpool under a stringent ISO 9001 quality regime, which was last independently audited in June 2022. Reliability over long service has become the hallmark of MPE TEMPEST filter technology in active duty around the world.

MPE offers a comprehensive range of TEMPEST power line filters of alternative performance specifications. These extend from 6A to 16A filters, which might be used to treat individual power inlets, up to 3000A filters for the hardening of a main building power supply.

Over several decades MPE has been supplying TEMPEST products which adhere to the onerous specifications of CESG (the Communications Electronics Security Group at GCHQ) and of the US National Security Agency (NSA) and more recently NATO TEMPEST SDIP-27 and SDIP-29 Standards.

In line with these latest improvements, MPE has taken the opportunity to update its previously published UK TEMPEST pluggable filter data with a more comprehensive range catalogue. This updated catalogue now contains photographic images, 2D and 3D drawings, NATO stock numbers and the relevant technical data for all units within the range.

MPE's new UK TEMPEST pluggable filter catalogue can be downloaded from [here](#)

