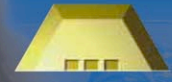


HEMP / LEMP Pulse Suppression



EmPulse Filter



MPE

MPE

*In a Universe of Interference
A world of solutions*



HEMP/LEMP Protection for Equipment & Facilities

HEMP LEMP Pulse Suppression

Protection for Equipment & facilities



- ◆ lightning electromagnetic pulse protection
- ◆ nuclear & high power microwave pulse protection
- ◆ protection to 100kA
- ◆ IEC 1000 EN 61000 BS6651
- ◆ Mil-Std-188-125 Def-Stan 08-4
- ◆ Nato EMP Specs
- ◆ safeguard equipment from induced EMP threat
- ◆ hostile natural & artificial hazard immunity
- ◆ maximum attenuation of surge transmission
- ◆ support equipment EMC compliance

Applications



- ◆ civil & public service utilities
- ◆ telecommunications systems
- ◆ IT installations
- ◆ defence
- ◆ secure commerce – banks & trading

Design Proven

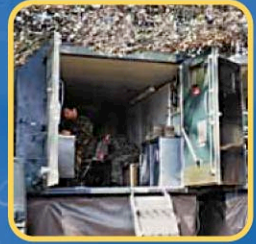


- ◆ high performance wide frequency spectrum EMI filters
- ◆ integrated high speed high energy surge arrestors
- ◆ high voltage ultra high speed feedthrough capacitors
- ◆ tolerate multiple events and self-restoring
- ◆ single cabinet with screw terminal connection
- ◆ enclosed terminals for personnel safety
- ◆ rugged & corrosion resistant
- ◆ chassis or bulkhead mount
- ◆ incorporate into equipment architecture or stand alone

EmPulse Filters



- ◆ series for power communications & control services
- ◆ designs for low intermediate & high LEMP NEMP threat
- ◆ line current ratings to kA's
- ◆ multiple line packaging
- ◆ standard & custom designs



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