

Wallingford, CT, September, 2015
For immediate release
News release

Times Microwave Systems
358 Hall Avenue, Wallingford, CT 06492
T: 203 949 8400, F: 203 949 8423
www.timesmicrowave.com

New Times-Protect[®] Data Line Surge Protectors from Times Microwave Systems

Times has added to its popular line of ***Times-Protect[®]*** surge protection devices with its new Data Line surge protection product family. Utilizing leading edge technology in its design, these three unique devices address surge protection for twisted pair cat 5e and cat 6 applications. The ***LP-DOE-1-G***, ***LP-POE-1G*** and ***LP-PAE-100*** have been tested against extended RFC2544 test methods using aggressive test criteria. These extremely difficult tests consist of two protection devices separated with 100 meters of Cat 5 conductors over a broad temperature range and measure the following parameters:

- Throughput
- Latency
- Packet Jitter
- Frame Loss
- Back to Back

The RFC2544 test results for each of these outstanding devices are available for download on the Times Microwave Systems website.

The RFC 2544 standard, established by the Internet Engineering Task Force (IETF) standards body, is the *de facto* methodology that outlines the tests required to measure and prove performance criteria for carrier Ethernet networks.

The surge protection performance of this product family is unmatched in the industry. This product family also meets the NEBS required surge tests according to these wave-shapes:

- 2x10us, 1kV, 200A – 5 pulses each polarity
- 10/360us, 1kV, 25A – 5 pulses each polarity

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LP-DOE-1G 1000 BASE-T ETHERNET DATA ONLY

1000 Base-T / Indoor application with all data pin protected to chassis ground

LP-POE-1G 1000 BASE-T POWER OVER ETHERNET

Power Over Ethernet, 1000 Base-T with up to 60Vdc injector.

All pin pairs protected with to chassis ground

LP-PAE-100 100 BASE-T POWER AND ETHERNET

100 Base-T with all pins protected to ground. Data pin pairs

are (1-2) (3-6) and DC pin pairs are (4-5) (7-8)

About Times Microwave Systems

Times Microwave Systems has over 65 years experience in designing innovative, high-reliability, coaxial cables and assemblies for demanding interconnection problems. An engineering oriented organization, the company specializes in the design and manufacture of high performance flexible and semi-rigid coaxial cable, connectors, and cable assemblies for RF transmission from HF through microwave frequencies as well as surge arrestors for the protection of RF equipment.

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