



DLPS-MoCA

Drop Line Surge Suppressor/POE filter

The easy to install DLPS-MoCA protects drop line electronics from surges, transients, spikes and lightning with the added benefit of an integrated MoCA POE filter. The DLPS-MoCA, using solid state Sidactor technology, protects in both directions from the house and from the cable drop line.

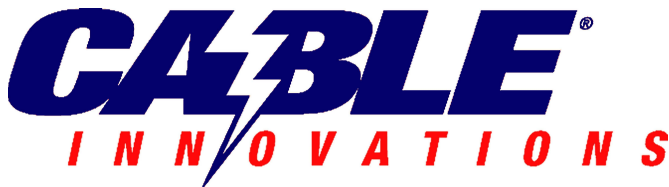
If you are currently using “6kv” protection, gas discharge tubes, or just a ground block, you are taking unnecessary risks with your equipment and with your subscriber’s electronics. The DLPS-MoCA offers longer life, greater current handling capacity, and a faster response than any other type of protection.

| SPECIFICATIONS | |
|---------------------|--|
| Frequency | Pass Band 5-1000 MHz Stop Band 1125-1625 MHz |
| Surge Life | 10A (10 x 1000µs) Infinite surges 100A (10 x 1000µs) Infinite surges 1000A (10 x 1000µs) Infinite surges |
| Power Passing | Up to 1 amp |
| Switching Voltage | 135V Peak Min. 165V Peak Max. |
| Response Time | Less than 1 nanosecond |
| Current Suppression | 1000 Amps (2 x 10µs) |

| PERFORMANCE | | | | | |
|----------------|-----------|------------|--------------|---------------|---------------|
| Frequency | 5-750 MHz | 750-871MHz | 871-1000 MHz | 1125-1200 MHz | 1201-1625 MHz |
| Insertion loss | < 0.5dB | < 0.5dB | < 1.5dB | > 35dB | >40dB |
| Return loss | > 20dB | > 18dB | > 18dB | - | - |
| EMI shielding | > 120dB | > 120dB | > 120dB | > 120dB | > 120dB |

FEATURES

- **Replaces ground block** The DLPS-MoCA is installed in place of a ground block.
- **Longer Life** THE DLPS-MoCA performance will not degrade during repeated overvoltage conditions. A gas tube device's performance rating is degraded each time an overvoltage occurs. You can count on the DLPS-MoCA on the 1st surge or the 5000th surge.
- **Sidactor® Device** The DLPS-MoCA incorporates the newest solid state Sidactor technology which eliminates the need for gas tube type surge suppressors.
- **Overvoltages Taken off Center Conductor** Patented design takes overvoltages directly to ground from the center conductor, before damage can occur to drop line electronics
- **ISO 9001** The DLPS series is manufactured in an ISO 9001 facility
- **Surge Testing ANSI C-62.41 (IEEE 587)**
- **Meets NEC 830**



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Specifications subject to change without notice.