

# 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	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	500 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**

Specifications subject to change without notice



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