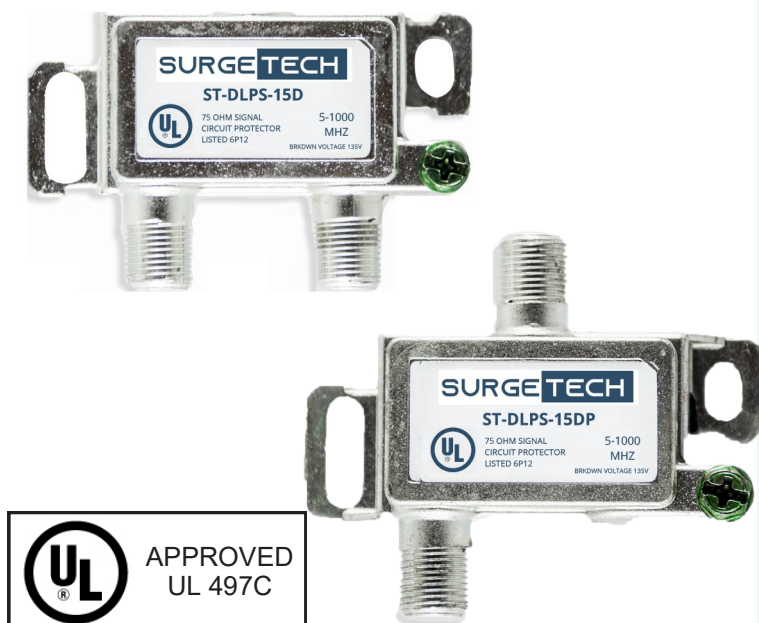


ST-DLPS Series

Solid State Drop Line Surge Suppressors

The ST-DLPS-15D series protects drop line electronics from damaging faults due to surges, transients, spikes and lightning. The ST-DLPS-15D series using solid state Sidactor technology, protects in both directions from the house and from the cable drop line. With a response time of one nanosecond, the ST-DLPS-15D series will virtually eliminate damage to drop line electronics caused by overvoltages.

If you are currently relying on "6 KV" protection, gas discharge tubes, or just a ground block, you are taking unnecessary risks with your equipment and with your subscriber's electronics. The ST-DLPS-15D series offers longer life, greater current handling capacity, and faster response than any other type of protection.



| MODEL # | ST-DLPS-15D | ST-DLPS-15DP* |
|-------------------|-------------------------------|-------------------------------|
| Application | Drop Protection | Drop Protection |
| Surge Protection | 500 Amps (2 x 10 μ s) | 500 Amps (2 x 10 μ s) |
| Power Passing | Up to 1 amp | Up to 1 amp |
| Switching Voltage | 135V Peak Min. 165V Peak Max. | 135V Peak Min. 165V Peak Max. |
| Response Time | Less than 1 nanosecond | Less than 1 nanosecond |

*The ST-DLPS-15DP utilizes the same circuitry as the ST-DLPS-15D, but with a different orientation of F-ports

| SPECIFICATIONS | | | | | | |
|-----------------|--------------------------------|--------|---------|---------|----------|-----------|
| | Guaranteed Minimum Performance | | | | | |
| FREQUENCY (MHZ) | 5-15 | 15-250 | 250-550 | 550-900 | 900-1000 | 1000-1250 |
| Insertion Loss | 0.5 | 0.4 | 0.4 | 0.4 | 0.6 | 0.7 |
| Return Loss | 24 | 25 | 25 | 25 | 22 | 20 |
| EMI Shielding | >120dB | >120dB | >120dB | >120dB | >120dB | >120dB |

FEATURES

- **Sidactor® Device** The ST-DLPS-15D series incorporates the newest solid state Sidactor technology which responds faster than any other type of drop line surge suppression.
- **Longer Life** The ST-DLPS-15D series' 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 series on the 1st surge or the 5000th surge.**
- **Overvoltages Taken off Center Conductor** Patented design takes overvoltages directly to ground from the center conductor, before damage can occur to drop line electronics
- **Temperature Range** -40 to +140 °F -40 to +60 °C
- **Surge Testing** ANSI C-62.41 (IEEE 587)
- **ISO 9001** - The ST-DLPS series is manufactured in an ISO 9001 facility
- **Two (2) Year Warranty**
- **Meets NEC 830**
- **Compatible with RG-6 and RG-59** RG-7 and RG-11 require connectors with center conductor seizure pins.

** As long as surge rating is not exceeded