

# DLPS-15D<sup>Series</sup>

## Solid State Drop Line Surge Suppressors

Developed and patented by Cable Innovations the DLPS-15D series protects drop line electronics from damaging faults due to surges, transients, spikes and lightning. The 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 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 DLPS-15D series offers longer life, greater current handling capacity, and faster response than any other type of protection.



MODEL #	DLPS-15D/15C	DLPS-15DP*
Application	Drop Protection	Drop Protection
Surge Protection	500 Amps (2 x 10µs)	500 Amps (2 x 10µs)
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 DLPS-15DP utilizes the same circuitry as the 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<sup>®</sup> Device** The 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 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 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

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CATV SURGE PROTECTION