

DANA53

Part #AT91490

Durable And Non-depleting Apparatus (53-pin)

In-line surge suppression for your communication cables and connected devices.

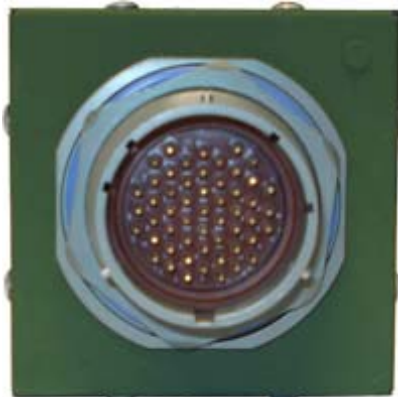
Application: The AT91490 protects communication cables from transients caused by direct or indirect lightning strikes and other electrical surges.

Installation: The AT91490 is connected between communication lines with 53-pin Mil-Circ (MIL-DTL-38999 series I) connectors.

Technology: The surge suppression circuit of the AT91490 is created by using high capacity gas discharge tubes.



SPECIFICATIONS



Circuit Type: Single stage parallel

Lines Protected: 53

Connectors: 53 pin male MS connectors

DC Breakdown Voltage: 230V

Maximum Rated Surge Discharge Current (8/20 μ s): 5,000A per wire

Insulation Resistance: 10¹⁰ Ohms minimum

Capacitance between each Electrode & Ground Plane: <2pf

Max. Frequency: 10.0MHz

Nominal Resistance: 0.2 Ohm

Temperature Range: -40°F to 150°F (233°K to 339°K)

Color: Olive Drab

Dimensions: 3.84" x 3.84" x 4.12" (98mm x 98mm x 105mm)

Weight: 11.2 oz

Sample of Pin to Pin Connection
DANA53 (in/out)

A-A

B-B

C-C

D-D

E-E