

NSL4450 Light-Dependent Resistor

Silonex, Inc.

Manufacturer's Specification



Semiconductor Material CdS

Peak Sensitivity 530nm

Maximum Power Dissipation 1.0W

Maximum Voltage 1000V Peak

Typical on (illuminated) resistance 550 ohms

Typical off (dark) resistance 15M ohms.

Package Can-28

Measurements on several samples have given a resistance of down to 50 ohms in sunlight and 1000M ohms in complete darkness.

The 550 to 15M ohms would be typical of day and night exposure.